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1898



JAMES J. H. GREGORY



& SON'S

Marblehead
Mass



Catalogue of
**HOME GROWN
SEEDS**

CATALOGUE FREE TO ALL

 We will thank any of our friends sending us the names of persons residing in their neighborhood who would be likely to need a supply of good Vegetable Seed, for we should like to send such our Catalogue. 

BOOKS FOR FARMERS AND OTHERS.

A NEW BOOK FOR FARMERS AND GARDENERS.

FERTILIZERS: Where the Materials come from, where to get them in the Cheapest Form, how to Compound Formulas, etc.

BY JAMES J. H. GREGORY, MARBLEHEAD, MASS.

For more than twenty-five years we have made use of what are known among farmers as "fertilizers," as distinguished from the manure of the barnyard, using in recent years, mostly in the drill, from thirty to eighty tons annually. Of late we have compounded these ourselves, purchasing the materials and various chemicals where we could find the best articles cheapest. We have repeatedly been urged by the agricultural societies, before whom we have lectured on the subject of fertilizers, to publish our lectures. To oblige our many friends who have made this request,

and as a help to many of our customers, who are seeking help along this dark and difficult road, we have done so. In our little work there will be found many valuable tables, with many suggestions, and much information on the purchase of materials, the combining of them, and the use of fertilizers made from them. We believe it will give a good return to any of our customers for their outlay. The treatise makes a book of 116 pages; price, per mail, 40 cts.

Single copies of either of the four following treatises sent by mail for 30 cents, or the five for \$1.35. Seed dealers and booksellers supplied at the usual discount.

ONION RAISING: What Kinds to Raise, and the Way to Raise Them. By J. J. H. GREGORY, Marblehead, Mass.

This work has been warmly recommended by some of the best authorities in the country, and has gone through fifteen editions. It treats on Onions raised from seed, Potato Onions, Onion Sets, Top Onions, Shallots, and Rarities, the Onion Maggot, Rust, the merits of the different varieties of Onions, instructions in seed raising, and how to tell good seed,—beginning with selecting the ground, and carrying the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject. Illustrated with numerous engravings of Onions, Sowing Machines, and Weeding Machines, etc.

CABBAGES, AND HOW TO RAISE THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise gives all the minute instructions so valuable to the beginner. It begins with selecting the ground, and carries the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject.

To prepare ourselves the more thoroughly to write on this work, we experimented on foreign and native varieties of cabbage for four years, raising not far from seventy kinds. The gist of our experience will be found in this treatise. It is illustrated by several fine engravings. We have added a paragraph on the green worm that is causing so much trouble in some localities.

SQUASHES, AND HOW TO GROW THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise is of about the same size and style as our treatise on "Onion Raising," and contains many illustrations, including a section of our squash house, with full directions for erecting one. In plan and thoroughness it is similar to our Onion treatise; *very minute and thorough*. Beginning with the selection of soil, it treats of the best way of preparing it; the best manures and the way to apply them; planting the seed, protecting the vines from bugs and maggots, the cultivation, gathering, storing and marketing of the crops; giving hundreds of minute details so valuable to inexperienced cultivators. We have written this and our other treatises on the theory that what the public want is *minuteness and thoroughness of detail*.

CARROTS, MANGOLD WURTZELS, AND SUGAR BEETS: What Kinds to Raise, How to Grow Them, and How to Feed Them. By J. J. H. GREGORY, Marblehead, Mass.

The increased attention given to the raising of roots for feeding to stock, particularly the Carrot and Mangold Wurtzel, led us to write this treatise. We have endeavored to follow the manner presented in our other works, and give that minuteness of detail in every step of progress, from the seed to the matured crop, that is generally desired by the public. While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within its covers some facts of more value to him than the cost of the book.

We offer the following list of works, all by authors of high repute, any of which will be sent postpaid, to any address in the United States or Canada, on receipt of the price.

The Forcing Book (new) by Prof. L. H. Bailey, a manual of the cultivation of vegetables in glass houses. This is a hand-book of instructions upon the forcing of vegetables for market, which is the most complete work of the kind yet published in this country..... \$1.00
The Spraying of Plants (new) by Prof. Lodeman. The standard work upon Spraying. It treats first of spraying machinery, and secondly gives an account of the various insects and fungi with the methods of treating them.... 1.00
Plant Breeding (new) by Prof. L. N. Bailey. The treatment is both scientific and practical, and will enable gardeners and horticulturists, to experiment intelligently in cross-breeding..... 1.00
Dreer's Vegetables Under Glass. A practical treatise upon a timely subject... .25
Asparagus Culture..... .50
An Egg Farm: How to Manage Poultry Largely..... .50
Allen's (R. I. and L. F.) New American Farm Book..... 2.50
Bommer's Method of Making Manures..... .25
Broom Corn and Brooms..... Cloth .50
Canary Birds..... Paper .50
Canning and Preserving. Complete receipts therefor..... .40
Cider Maker's Handbook. (New.)..... 1.00
Cranberry Culture. By Joseph J. White..... 1.25
Dadd's (George H.) Modern Horse Doctor..... 1.50
Dadd's American Cattle Doctor..... 1.50
Family Horse. (New.) By Geo. A. Martin. (Extremely Popular)..... 1.00
Flax Culture, giving full directions..... .30
Fuller's Grape Culturist..... 1.00
Fuller's Nut Culturist. (New.) A first-class work..... 1.50
Fuller's Small Fruit Culturist..... 1.50

Fuller's Strawberry Culturist..... \$0.25
Greenhouse Construction. By L. R. Taft..... 1.50
Harris on the Pig. By Joseph Harris..... 1.50
Harris's Talks on Manures..... 1.75
Henderson's Gardening for Pleasure..... 2.00
Henderson's Gardening for Profit..... 2.00
Hunter and Trapper..... .75
Jones' Peanut Plant; its Cultivation and Uses..... .50
Land Draining. Miles..... 1.00
Mushrooms: How to Grow Them..... 1.50
Oemler's Truck Farming for the South (New)..... 1.50
Our Farm of Four Acres..... Paper .30
Peach Culture. Fulton..... 1.50
Pedder's Land Measurer..... .60
Practical Floriculture. By P. Henderson..... 1.50
Profits in Poultry and their Profitable Management..... 1.00
Quince Culture. By W. W. Meech..... 1.00
Quinn's Money in the Garden..... 1.50
Quinn's Pear Culture for Profit..... 1.00
Quinby's New Bee Keeping..... 1.50
Rawson's Celery and its Cultivation..... .25
Silos, Ensilage, and Silage. A practical treatise. By Manly Miles..... .50
Sweet Potato Culture..... .60
The New Onion Culture. (Greiner)..... .50
The Horse; How to Buy and Sell..... 1.00
Tobacco Culture..... .25
Webb's Cape Cod Cranberries. By a Cape Cod Man..... .40

James J. H. Gregory & Son's Retail Catalogue.

1898.

TO OUR PATRONS.

1898.

Please Notice. — Our customers will please notice that our prices are by mail, postpaid by us, or by express (or freight) at purchaser's expense for charges, and that seeds sent by express or freight are 8 cents less per pound than when sent by mail. Some may not be aware of the fact (this does not apply to goods sent by express) that the freight on one hundred pounds of merchandise does not, as a rule, cost more than for ten pounds or less. When not ordered by mail, it is desirable that customers should indicate whether they wish their seed sent by express or freight; when no preference is given, we will use our best judgment in their behalf. We make no charge for boxes or packing. When comparing our rates with other dealers please remember, 1st, That we prepay postage on mail matter, and the postage is included in the price; 2d, That all orders for seed to the amount of five dollars and upwards are subject to a cash discount, as stated at bottom of page; 3rd, That we grow a far larger proportion of the varieties of the seed we sell than is common with dealers; 4th, Our three warrants.

Many of our customers expressed their pleasure in the picture of the old farmer and his wife, whose honest, kindly faces as they rested in the evening of their days, greeted them from the cover of our catalogue of last season. This season we present for their enjoyment the likeness of a beautiful child (a lily herself in her innocence), bearing her Easter offering of lilies.

The Crops of 1897. — We are happy to be able to report that of all the leading varieties there was an average crop. As a farmers' year, however, the results from a very wet spring in some sections, followed by a very dry fall, had a bad effect on the vine crop, making squashes and tomatoes scarce, while in the northern states crops that take kindly to cold and wet, such as cabbages and the grass crop were more abundant than usual. This has made the price of cabbage low throughout the season, but the dry weather throughout the fall in the same localities has reduced the late planted crop much below the average and we therefore look for good paying prices for those who can hold their cabbage for the late winter and spring market. The unusual warmth of the late fall has been unfavorable to the keeping of the onion crop, and the result is seen in the large quantity of poor material put upon the market. This has depressed prices, but with a crop in the country at large below the average we cannot see how there can be other than good paying prices for onions carried through the winter in good condition.

Cheap Onion Seed. — On page 22 will be found matter of special interest to those who raise onions.

We Thank Our Friends for very acceptable presents we are constantly receiving from them of vegetable seed that are new or choice in their localities. We plant them on our experimental grounds to compare them with standard varieties, and will be happy, briefly to report results, when desired to do so.

We think our customers will find, bearing in mind cash discounts we offer, that our rates average as low as those of standard seedsmen of good repute.

Free Seeds. — With average orders for years we have practiced dropping in an extra package of some nice variety, very likely a novelty, which we would be pleased to have our customers test and report on.

Testing Seed. — Before sending out, nearly two thousand tests of the vitality of both vegetable and flower seed are made every season, and thousands of dollars' worth thrown away, all of which is more or less good but not up to the standard for honest seed.

Cabbage Seed for the South. — Our customers in the South will find us always ready to fill their summer orders as early as July. Their special need for fresh seed we shall always bear in mind. Our cabbage seed, raised wholly from the centre shoots, and grown from choice, solid, carefully selected heads, are meeting with great acceptance there.

Advantages of Buying Seed Directly from the Grower. — The "testing" of seed, in greenhouses or by various indoor means, merely settles the question as to whether or not it will vegetate; but if the seed dealer grows his own seed, he is able to affirm what he himself knows, not only of its vegetating power, but also of its freshness and purity. Our seed-growing facilities now include four farms at **Howe's Station, Eastern Division, Boston and Maine Railroad**, besides several scattered tracts of land, located in three towns, carried on directly under our own supervision. All roots, bulbs, etc., intended for seed purposes, are selected with the utmost care.

Some choice varieties we import from England, France and Germany, some of which cannot be raised in this latitude: others we have grown for us by careful men, whom we supply with stock seed of our own raising.

For nearly half a century we have made it our labor and our anxiety to send out none but just such seed as we would be willing to plant ourselves, and the thousands of cheering letters that we open are very pleasant testimony to the success of our undertaking.

The Three Warrants. — All seeds sent out from our establishment are always sold under our three warrants: viz., 1st. That our seed shall be what it purports to be: so far as that we hold ourselves ready to refill the order anew, or to send other seed to the same amount, gratis, should it prove defective in any respect. What is there to gain by selling poor seed after having made this warrant? 2nd. That all money sent for seeds over one dollar shall reach us if sent by Post-office Order on Marblehead, Express Money Order, Registered Letter, Draft, or Cashier's Check. Sums of one dollar and under may be sent at our risk. 3rd. That the seed ordered shall reach every one of our customers. Thus we warrant everything but the crop, and make the purchase of seed the safest investment possible, instead of being what it has so often proved to be, — very unreliable and vexing.

Payment for Seed. — Cash (as above) must accompany all orders. When it is necessary to enclose postage stamps be sure not to moisten them in the least; the higher denominations but not above fifteen cents in value, preferred. Money orders, when of the value of one dollar and upwards, may be purchased at our expense, the cost being deducted from the amount remitted. Occasionally a customer remits more or less than sufficient to pay for the seed ordered. In the former case, the balance will be returned to his address; in the latter, the order will be filled out as far as the money goes. Always send stamps instead of specie. Let us advise our friends, before ordering their seeds sent by express, to figure carefully and see if it would not be much cheaper for them (as is almost invariably the case with small parcels) to have them sent by mail. We would advise our customers not to order their seed C. O. D., particularly when the orders are small, as we have to add the cost of collection and return charges to the cost of the seed to make ourselves whole.

We have arranged with the American Express Company to receive orders for anything in our catalogue at any place where that company has an agency. They will advance us the cost of all goods up to \$5, and collect it of you. For bills over \$5 an Express Money Order can be sent with order for goods. The American Express Company carry seed at a less rate than for any other merchandise.

We can now bill goods per B. & M. R. R. at one rate from Marblehead to about all points in New England.

Our customers in New England will find that the discounts allowed on their large orders will be sufficient to enable them to pay in most instances all, and in all instances a large portion of the cost of their transportation either by freight or express.

BE CAREFUL TO WRITE YOUR ADDRESS IN FULL, GIVING YOUR NAME, POST-OFFICE, COUNTY, AND STATE.

The Postage on seed. — We prepay postage on seed ordered by mail at list rates. If a larger lot than four pounds is wanted, it may be divided into four-pound lots.

Now and then, though rarely, there happens an instance of a mail package being lost in transit. When writing of any delay in time of package reaching you, always repeat your first order.

Book Premiums and Discounts to Market Gardeners and Others.

We were the first seedsmen to give a cash discount on orders. When comparing our prices with other dealers, don't forget to deduct the discount.

We challenge competition (with first-class seedsmen) in pricing large orders.

Anyone sending \$1 may order \$1.25 of packages (not ounces) of vegetable seed. This applies to orders for packages, only, and not to weights and measures.

BOOK PREMIUMS AND DISCOUNTS.

We allow book premiums and discounts as follows on all orders, whether the order be for packages, ounces, pounds, or quarts, either separately or combined, with the exception of vegetable plants and roots, vegetable and flower seed collections, Timothy Red Top and Red Clover, page 50, small fruits and implements. On orders for \$2 and less than \$3 we will send, postage paid, the engraving, *The Old Farmer and his Wife*, printed on thick paper; for \$3 and less than \$5, a selection of one from the five agricultural treatises written by us and advertised on the opposite page. On orders from \$5 to \$10 an option of 5 per cent or a selection of two treatises above; on orders from \$10 to \$25 an option of 8 per cent, or the five treatises as above; on orders from \$25 to \$40, 10 per cent; and 12½ per cent on orders of \$40 or upwards.

For special net rates on onion seed in quantity, see p. 23; for discounts on Flower seeds, see p. 63. TERMS TO DEALERS, CLUBS, AND LARGE MARKET GARDENERS ON APPLICATION.

JAMES J. H. GREGORY & SON.

Marblehead, Mass.

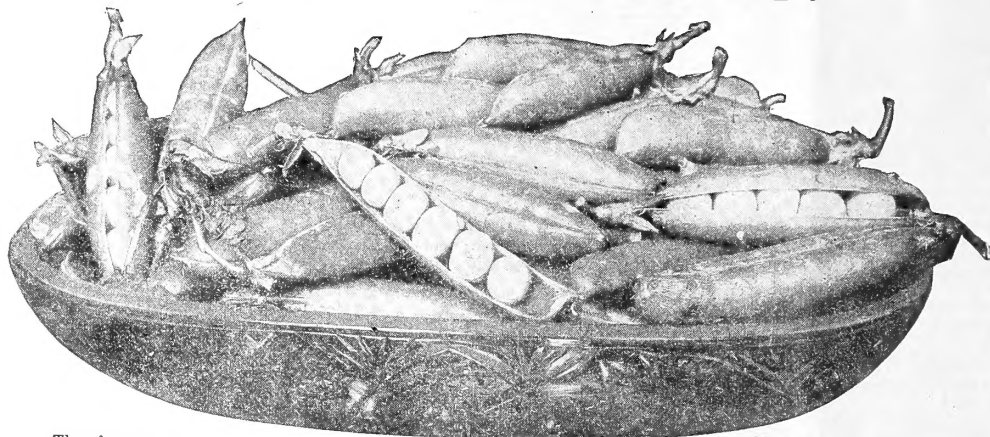
Novelties in Vegetable Seeds for 1898.

GREGORY'S SURPRISE PEAS.

This new pea which we catalogued for the first time last season is the earliest of all the wrinkled sorts. It was produced by a scientific crossing of Laxton's Earliest of All, with the American Wonder — If grown side by side with the very earliest of the hard sorts it will be found to be earlier than many of them, including the Alaska and Maud S.,

And full as early as the very earliest of any of the hard peas.

The vines grow 20-24 inches in height and need no sticking. They are loaded with well filled pods not as large as the American Wonder but far more numerous, while they are ready for market days before it. Though full as early as the earliest hard sorts, it has the delicious sweetness which belongs only to the wrinkled varieties. Here is what is said of it in comparison with the Hancock, one of the very earliest of the hard peas.



The above is from a photograph of a dish of second crop of Gregory's Surprise Peas raised on the same ground where the first crop grew.

Writes E. S. Carman of the *Rural New Yorker* (than whom there is no better authority as we seedmen well know) "Gregory's Surprise' pea is the earliest pea we have ever tried. The seeds were planted April 18 and we picked the first mess June 7. Triple X (First Early) was not ready. Picked second mess June 12. It is a prolific variety, with six or seven peas in a pod." The *New Yorker* had tested the Station, American Wonder, Nott's Excelsior. Mr. Benjamin Dodd, who is an experimenter with new peas, says: "I planted Hancock and Surprise, side by side the same day, and gave them the same treatment. I picked the Surprise four days before the Hancock."

From New Hampshire Agricultural College: "Each sort planted May 18. July 8 picked 2 lbs. 3½ oz. of Surprise; 1 lb. 2 oz. of Hancock." Connecticut Agricultural Station reports: "Surprise were planted May 9; first picking made June 26. Hancock planted May 11; were ready to pick June 29." Vermont Agricultural Station: "The Surprise was practically ready for market picking as soon as the Hancock and bore fully as large a crop." Maine Agricultural College reports that "both varieties were planted May 13, and the Surprise reached edible maturity July 9; the Hancock July 10." The Massachusetts Agricultural College reports: "Both varieties were planted May 13 and the Surprise reached edible maturity July 9 and the Hancock July 10." Rev. J. Reynard Lawrence of North Egremont writes: "The Surprise Pea is immense,

maturing at the same time as Triple X Earliest. It is a far better pea. It is the best early pea. You cannot commend it too highly." Writes the editor of the *New England Farmer*: "Of thirty-three varieties on trial, Gregory's Surprise was the first to pick and the first to dry down."

The sum of this testimony, which agrees with our own experiments for three seasons, is that in the Surprise we have a new wrinkled pea fully as early as the earliest of the hard peas. If it has the hardness of its parent, Earliest of All, the knell of the early class of hard peas has struck, for the public well know that they are inferior in quality, and will cease buying them as soon as they can find a wrinkled pea in the market.

For four years in succession two crops have been matured on the same ground where the first crop was planted, in each case being produced from the seed of the first crop.

Last season it not only produced a second crop from seed raised that year but actually ripened it, and on the same land where the first crop of seed was raised though it was not plowed till a fortnight after the first crop of ripe peas had been taken off. The practical significance of this is that any of our customers, who may have any of their crop get too far along for table use can let the peas ripen and plant them with almost a certainty of being able to pick a second crop for table use before they can be injured by frost. Price per peck, per express, \$4.00; per quart, postpaid, 75 cents; per package, 15 cents.

CONFERENCE TOMATO.

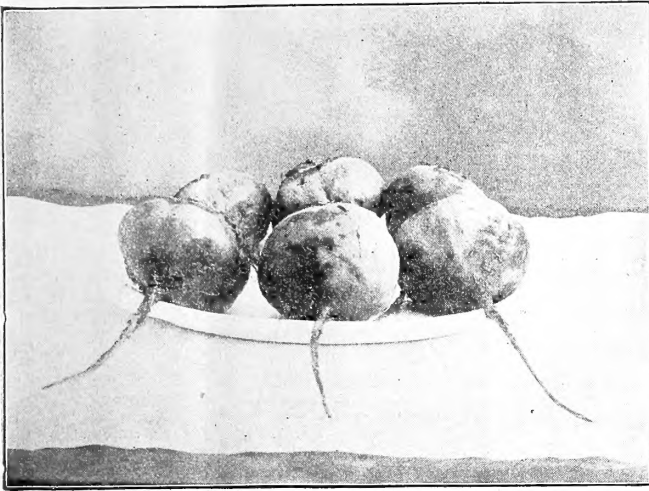
This variety is chiefly used in England for forcing. Although of rather small size, and not quite as solid as the average tomato it is of a fine, deep red color, and of a most superior quality. Per package, 10 cents.

CHARLESTON WAKEFIELD CABBAGE.

We find that this strain of Early Wakefield grows heads decidedly larger than the standard sorts. This makes it a favorite with many market gardeners. Price, per pound, postpaid, \$2.50; per 4 pound, 73 cents; per ounce, 25 cents; per package, 10 cents.

DIRIGO BEET.

A critical comparison between the Dirigo and Crosby's Egyptian raised side by side is what my customers want as these two beets are competitors for the early market. The difference between them as they grew on our experimental



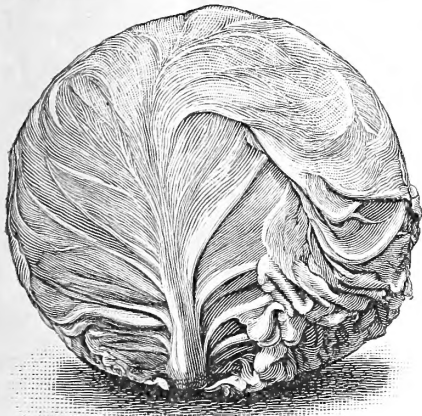
grounds this season was that the Dirigo was the finest made up beet of the two and that it had a top hardly as large as the Crosby Egyptian. It was the most attractive beet among eleven varieties. Price, per pound, postpaid, 75 cents; per 4 pound, 23 cents; per ounce, 15 cents; per package, 10 cents.

BUSOWKA ROUND LATE CABBAGE.

This new cabbage with a queer name, comes to us direct from Holland. Among the sixty-four varieties grown on our experimental grounds this season this attracted a good deal of attention, and deservedly so, for the heads were about as round as a cannon ball, standing out in quite a striking manner, while the stumps were so short that the heads appeared to rest on the ground itself. The heads are very hard, and of just about the right size for a popular market sort. Our customers cannot fail to be pleased with the Busowka for a fall market cabbage, or one to carry through the winter for spring marketing. Price, per package, 15 cents, per ounce 50 cents.

TWISS' EARLY DRUMHEAD CABBAGE.

This new strain of the Warren we are pleased to introduce to our customers this season. They will find it to possess the best characteristics of its parent, the heading very hard and

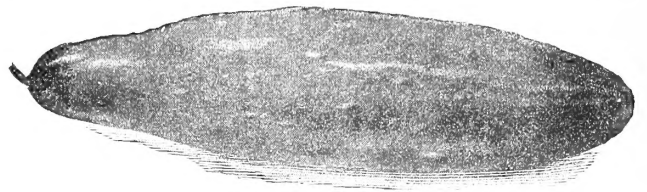


being remarkably reliable for heading; this growing to a good handy market size, just right for family use, while it has these two advantages over the Warren, viz: it heads a week or ten days earlier and besides makes a rounder, more globe shaped head, most of them closely resembling this cut which we made from a photograph of one raised on our farm. It has one rather peculiar characteristic, viz:

that while growing the leaves which make the outer wrapper of the head will oftentimes have a twist at the end suggesting a Winnigstadt, but when the cabbage is matured and stripped for market their firm round heads are always attractive in every way. A splendid market sort. Price, per pound, postpaid, \$3.25; per 4 pound, 98 cents; per ounce, 30 cents; per package, 10 cents.

FORDHOOK PICKLING CUCUMBER.

"A distinct new Cucumber, the result of a cross of a European variety on the *Cool-and-Crisp*. Wonderfully prolific, and might be termed a *continuous bearer*. Planted at the same time with other Cucumbers, the **FORDHOOK PICKLING** will con-



tinue to bear pickles plentifully after the other varieties have ripened their fruit and ceased to produce more. One of the most important requisites for a crisp, tender pickle is that the Cucumber should have a *thin skin*,—this is a feature of the **FORDHOOK PICKLING**.

Chauncey P. Coy, the well-known grower in Nebraska, September 19, 1896, wrote as follows:—

"The very best pickling Cucumber known to us; its habit of keeping up its supply of pickles, after such varieties as *Green Cluster*, *Jersey Pickle*, *Early Frame*, *New Everbearing*, etc., have quit setting on, is a strong point in its favor."

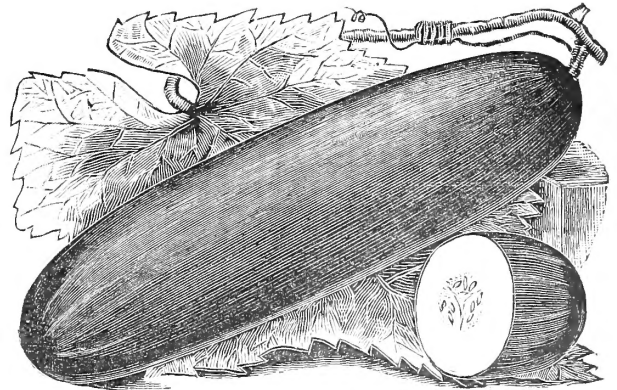
Price, per pound, postpaid, \$1.00; per 4 pound, 28 cents; per ounce, 15 cents; per package, 10 cents.

ECLIPSE PEA.

This is one of the very earliest of the new wrinkled peas, being about as early as any of the earliest hard kind. Makes stout vines, grows good-sized pods and lots of them, being a splendid cropper.

When we first catalogued Nott's Excelsior, we ventured the prophecy that when the seed became as cheap it would very generally replace the American Wonder and that prophecy is being fulfilled. We are as fully sanguine that Gregory's Surprise, the Eclipse and Station are destined to create a revolution in pea growing, for it is the experience of every farmer that people will not buy the hard peas after the wrinkled sorts come to market. Now the three varieties, we have named, are as early as the *very earliest* of the early sorts, the Surprise leading them all, and such being the case the only argument for planting the early hard sorts would be because they are hardier and therefore can be planted earlier, but are any of the hard sorts any hardier than the Surprise, or either of the others? Price, per peck, per express, \$2.50; per quart, postpaid, 60 cents; per package, 10 cents.

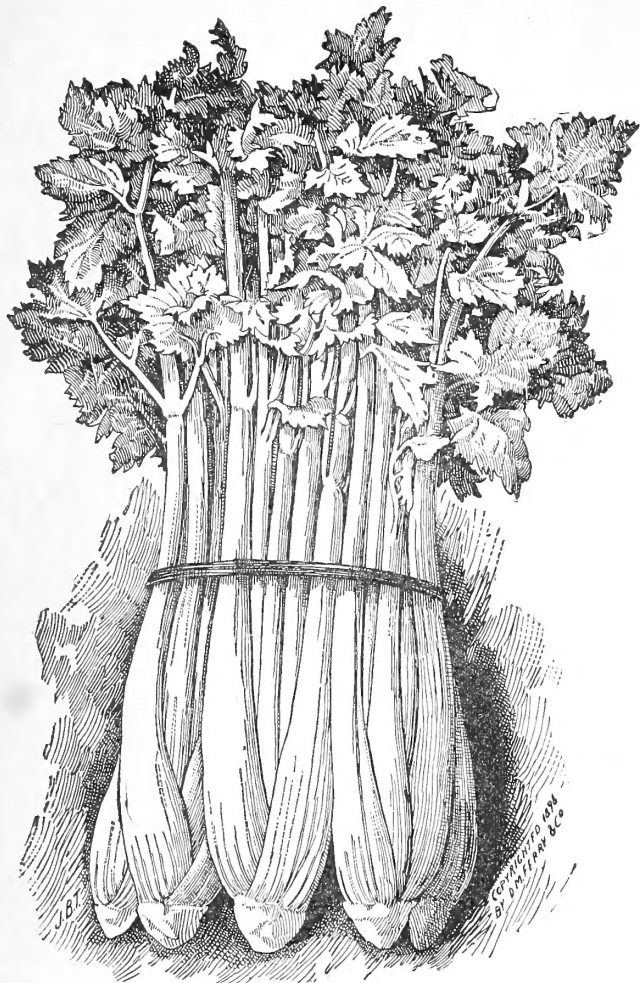
THE EMERALD CUCUMBER.



This certainly, as we saw it, was one of the handsomest of all cucumbers. It is an improvement on that excellent variety the White Spine, in size, quality and appearance, for it is green in color even when ripe, while its smooth, spineless skin attracts the attention and admiration of all. It rarely shows a wart or a spine and is not excelled in beauty by the best of the English frame varieties. It will prove to be a great acquisition as a forcing cucumber because it retains its deep green color so much longer than the common varieties raised under glass. Per package, 10 cents.

EVAN'S TRIUMPH CELERY.

The stalks of this new variety do not grow as large with us as those of the Giant Pascal or Kalamazoo, but are larger than those of Boston Market or White Plume. It has a compact

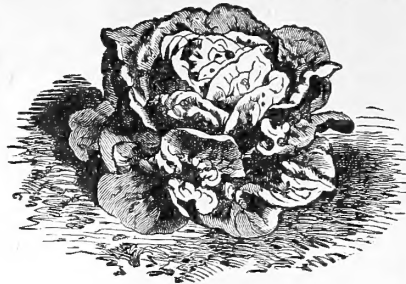


habit of growth and is a fine keeper. While it is crisp, brittle and tender, it has a stronger celery taste than any other variety. We recommend it as a good late keeping sort. Price, per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, 98 cents; per ounce, 30 cents; per package, 10 cents.

THE TRIUMPH WATERMELON.

Mr. Girardeau, to whom we are indebted for some of the finest melons that have been introduced, has a new one this year which is spoken very highly of. It is very prolific; early and very large, having averaged over 40 pounds each to the acre; deliciously sweet and of the finest flavor. Mr. R. G. Cloud writes: "I raised some weighing 75 lbs and over." Mr. James W. Williams: "I raised some weighing 70 pounds." Mr. F. A. Eldridge: "It astonished the natives as well as ourselves, for I had many that weighed from 80 to 87 pounds." Mr. E. L. Lipscomb: "Your Triumph produced melons larger than I had ever seen or heard of." J. E. Fultz: "One great point is that all the melons though large are of first-rate quality." Mr. J. H. M. Harrison: "I have two specimens that weigh 78 and 84 pounds." We must conclude that the Triumph is an enormous variety of excellent quality and a great cropper, for Mr. Girardeau himself on $2\frac{1}{2}$ acres raised 2418 melons, which averaged over 40 pounds each. This was at the rate of full 18 tons to the acre. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 20 cents; per package, 10 cents.

HITTINGER'S WHITE FORCING LETTUCE.



This improved variety of White Seeded Tennis Ball makes a head of the finest type, and one rather larger than the standard sort. It is well worthy the attention of all who grow lettuce under glass. Price, per ounce, 50 cents; per package, 10 cents.

DANISH BALL HEAD CABBAGE.

This is another of these hard heading foreign cabbages, with head about as hard and heavy as a rock, that are being imported in the spring into our great markets where they sell on an average half as high again as the best of our American sorts. Give them high manuring and good cultivation. Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 25 cents; per package, 10 cents.

PURITAN TOMATO.

This variety appears to possess some important advantages over many of the varieties raised. In comparative tests it has shown not only a marked vigor of growth and productiveness but has been entirely free from disease and "Leaf curl." In our experimental grounds of 1896, of forty seven varieties the Puritan was one of the three that did not crack, and being so very firm and of that bright scarlet color which marketmen prefer it is very popular in Boston market. Per ounce, 50 cents; per package, 10 cents.

ERFURT ROUND SUGAR CABBAGE.

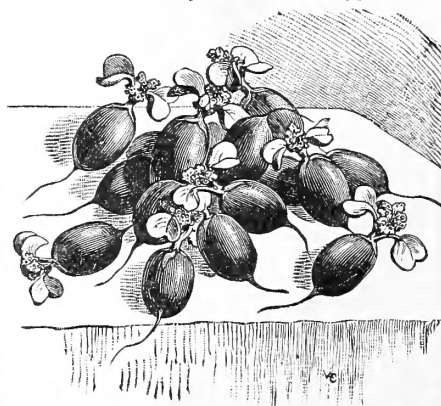
This new drumhead was one of the best of all the early varieties among the sixty-four different kinds of cabbage raised on our experimental grounds last season. Every specimen headed and all the heads were as like each other as are peas, and all remarkably hard. The heads are of fair market size for early, and stand right out making them very easy to cut. Medium thick. We advise all our customers, who are cabbage raisers to try a package. It has a fine golden colored flesh which adds to its appearance. It would be a good sort to plant for winter marketing. Price, per package, 15 cents.

G. A. R. TOMATO.

The fruit is remarkably large for a globular sort, probably the largest of all. In our experimental ground it cracked less than most of the kinds there tested. A magnificent late variety. Price, per ounce, 50 cents; per package, 10 cents.

NEW LEAFLESS RADISH.

This new variety of the olive type is almost leafless, for, as



seen in the engraving, the leaves are so few and insignificant as hardly to be noticeable. The skin has that beautiful bright color which is always so attractive. Flesh crisp and tender and of excellent quality. Early, but a little later than the early forcing sorts. Rows can be planted as near as six inches. It is a very shy seeder which will tend to keep the

seed scarce. Price, per $\frac{1}{4}$ pound, 48 cents; per ounce, 20 cents; per package, 10 cents.

VICTORIA SPINACH.

per ounce, 10 cents; per package, 5 cents.

This recent introduction has this to recommend it that while it fully equals the Long Standing in being slow to run to seed, it has a thicker leaf than that variety. Color a rich dark green. Price, per pound, postpaid, 40 cents; per 4 pound, 15 cents;

THE "ENORMOUS POTATO."

We have tested this new seedling for two seasons in our trial grounds. Our field notes read as follows: "Late, vines very healthy, stalks very stout and tall. Crop remarkable in quantity, potatoes very large, skin very white." Our experience led us to investigate its merits as tested by others, and the results were so uniformly in its favor, that we now introduce the Enormous to our customers as a variety that can be raised at a decided profit over the many now on the market.



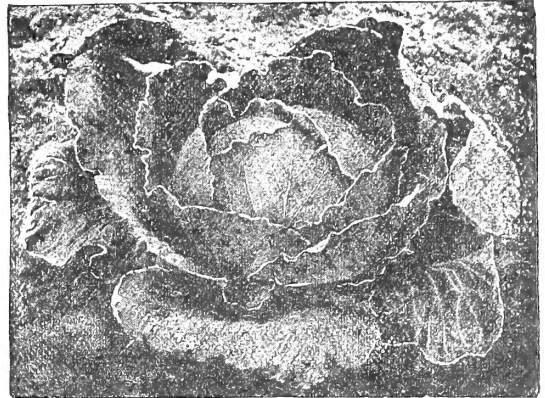
In 1895 Mr. Manum raised 604 bushels on a measured acre, on a light, dry, sandy loam, with a gravel sub-soil, and the next season averaged 533 on three measured acres. The land had been 4 years in grass, 400 lbs. of potato fertilizer were used in the furrows when planted, and 200 with a little ashes applied in the rows afterwards, and cultivated in. It needs thin

planting, not more than 2 good eyes each 15 inches. The testimonials as regards its quality are excellent, especially as a potato for spring use. The Pennsylvania Agricultural College reports that the Enormous yielded the best of 30 varieties tested, at rate of 480 bushels per acre, of which 98.90 per cent were merchantable, large and smooth. The Ohio Station reports it as surpassing in productiveness three of their heaviest croppers and notes the uniformity and regularity of the tubers: "There are no ill-shaped and but very few small tubers." The Rhode Island Station reports them as the heaviest cropper of five varieties tested. The Michigan Agricultural College states that it stands at the head in yield in their experimental grounds at rate of 543 bushels to the acre, "quite smooth with eyes of medium depth." The Minnesota Station had a yield of at the rate of 502 bushels to the acre. The Wisconsin Agricultural College are very favorably impressed with it: "It yielded among the best." The Massachusetts Agricultural College reports, that of 81 varieties raised the past season but two compared with it in yield. F. A. Joslyn got 45 bushels of nice potatoes from one; Mr. A. P. Jones, 2 bushels from 4 potatoes; N. Staininger, nine bushels from a peck and H. W. Hoar, 10 bushels. Wm. Babcock at the rate of 550 bushels to the acre; L. B. True, 40 bushels from one; N. A. Bucklin, 21 bushels from 3 lbs. Mr. A. W. True reports that "They cook good." Mr. R. D. Sab states, "Their quality is perfect." M. Crawford reports them of good quality. With us the quality was fair while the specimens sent us by Mr. Manum were excellent." Messrs. Atlee, Burpee & Co. report of it: "No small tubers, very heavy cropper, a superior sort. I think these selections,

from many recommendations, will give our customers a good idea of the great cropping qualities of the Enormous, the general smoothness of the tubers and the small proportion of unmarketable potatoes in the crop. It is certainly a potato worth trying on all soils as the reports are of crops raised all the way from sandy loam to muck. Prices per barrel, per express, or freight \$5.00; per bushel, \$2.50; per peck, 75 cents; 3 lbs. postpaid, 75 cents; per pound 30 cents.

THE HOLLANDER CABBAGE.

Of late years there have been imported into the markets of our large cities, in the spring mostly, a medium-sized but very



solid and heavy cabbage, selling at from fifty cents to a dollar a barrel more than our native sorts. These come to us under the name of "Holland" or "Hollander." We have raised them, off and on, for several years and find that in this country as fine heads can be raised as are imported. The heads are thick, round, of medium size and about as hard as a rock. The stump averages longer than with our native sorts. For best results, for late marketing, plant about ten days earlier than the common drumhead on land liberally manured. Per lb., postpaid, \$2.50; per 4 lb., 73 cts.; per ounce, 25 cts.; per package, 5 cts.

THE LOUDON RASPBERRY.

Of the thirteen varieties of red raspberries tested at the Massachusetts Agricultural College in 1896, the Loudon yielded 49½ quarts, while the lot averaged but 12½ quarts and the heaviest cropper next to the Loudon yielded but 19½ quarts. The report speaks of it as follows: "A very vigorous and pro-



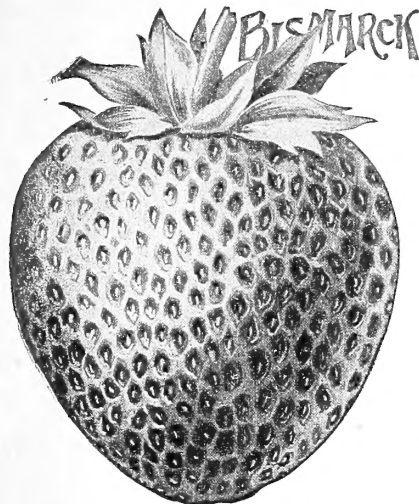
ductive variety. It was very little injured by the past winter, while many of the standard varieties suffered severely. Fruit large, bright crimson, quality best. The most promising variety in the station collection." Mr. Lovett considers the fruit "the richest and finest in quality of any entirely hardy and reliable variety in cultivation." Price, one, per mail, 20 cents; per dozen, \$1.50; per dozen, per express, \$1.40.

NOVELTIES IN SMALL FRUITS FOR 1898.

(SEE ALSO PAGE 5.)

BISMARCK.

A new and vigorous seedling of Bubach. The fruit is larger and the general tone of plant far more healthy and vigorous; in every way an improvement over its parent. It has perfect blossoms, is exceedingly productive of very large, regular, obtuse, conical berries bright glossy scarlet in color, considerably firmer than Bubach, and of excellent quality. It always colors over at one time — no green tips, and never any dulness or paling out in color as with the Bubach. Its weak point may be inclination to overbear, certainly no plant can produce so many and fine berries as Bismarck without an abundance of manure and moisture in a deeply prepared soil. A berry of this class cannot do its best on thin dry sandy soil. Price, per dozen, postpaid, 40 cents; per 100, \$1.50; per 100, per express, \$1.30.



WM. BELT.

The plant is vigorous and thrifty, a giant in size, and remarkably productive. The fruit is exceptionally large, brilliant red in color, and of extra fine quality. The berries are regular in shape with the exception of the first one ripening on the stem, which is liable to be coxcombed. It is a good shipper. Price, per doz., postpaid, 40 cents; per 100, \$2.00; per 100, exp., \$1.80.

MARGARET.

This is highly lauded by one of the most successful of strawberry specialists as one of the best varieties he has ever tested for beauty, size and productiveness. Plants healthy; flesh of berries exceptionally firm for so large fruit. Medium early, and continues late in bearing. Fruit of a dark, glossy red and retains this color to their centre. Others who have tested the Margaret are not so positive as to its great merits. Price, per dozen, postpaid, 40 cents.

GANDY BELLE.

The Mass. Agricultural College (than which there is no more reliable authority) thus speaks of this new strawberry:

Gandy Belle. Plant, a low, strong grower; runners abundant; foliage liable to burn, but resists blight fairly well. Fruit large, conical, texture quite firm, color bright crimson, quality good. A very attractive berry and one of the most productive on the grounds. Price, per dozen, postpaid, 40 cts.

GLEN MARY.

The report from the experimental station of the Mass. Agricultural College of the Glen Mary is as follows:

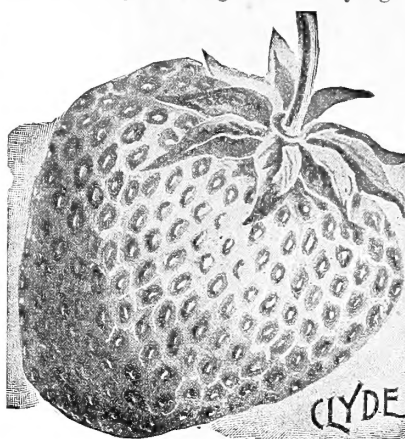
Glen Mary. Plant, a good grower, runners abundant. Fruit very large; form irregular, conical; dark crimson color; good quality. Very productive and one of the most promising of the newer varieties. Price, per dozen, postpaid, 40 cents.

ROCKY MOUNTAIN CHERRY.

A shrubby bush growing about 3 feet high, and spreading 6 or 7 feet across. It bears in immense abundance a black cherry, somewhat larger than the English Morello. They vary in quality from being more or less bitter to those that are of excellent quality. It is perfectly hardy, having stood a temperature of 47 degrees below zero. It has proved to be excellent when canned for winter use, for puddings or pies. No insect ever troubles it; it comes into bearing early, and bears every year. Price, one postpaid, 15 cents; per dozen, \$1.40.

CLYDE STRAWBERRY.

Clyde. Fruit very large, light red, conical, firm and best quality. Season early and long. Plant very vigorous, plenty of runners,



hardy, free from rust and very productive. Staminate. It may be called a perfect variety with one slight fault, it is rather light colored, but still is very handsome and saleable. That great enthusiast Hale of Glastonbury is wild over its merits. He calls it "the one great business strawberry" and advises every one to "plant it, make money, grow fat, and be happy." The fact that the great strawberry growers around Boston are planting it

for market on land valued at a thousand dollars or more per acre is the best evidence of its merits. Price, per doz., postpaid, 40 cents; per 100, \$1.50; per 100 express, \$1.30.

CAMPBELL'S EARLY GRAPE.

We have the pleasure of introducing to our patrons this season a new grape that has been showered with honors, by men who are experts in grape culture. Campbell's Early was produced by several crosses made between Hartford, Prolific, Moore's Early, Concord and Muscat-Hamburg. The result was a thick, leathery leaved vine, which produced large black grapes, some of them an inch in diameter, on well shouldered bunches, sometimes weighing as high as 19 ounces. These grapes are as early as Moore's Early, while in quality they markedly surpass any of the early class. The bunches look very much like the Black Hamburg. The testimony of various experts is superabundant as to its hardiness and quality. Having tested them on the table, I am inclined to endorse the opinion of that veteran fruit grower, E. B. Lewis, who writes: "It is much the best native grape I have ever tasted." Hon. Benj. G. Smith, of the Mass. Horticultural Society, considers it a grape of great promise, and probably the greatest acquisition thus far achieved in hardy grapes. Prof. L. B. Hayes, United States pomologist, writes from Washington, "We find some of the berries to be an inch in diameter. The quality is remarkably fine, pulp sweet to the centre, with small seeds easily detached from the pulp; the skin thin but tenacious, making it a valuable shipper. — Color a beautiful black with a heavy bloom." The fact that the seeds part readily from the pulp will make it a favorite with those who do not swallow grape seed.

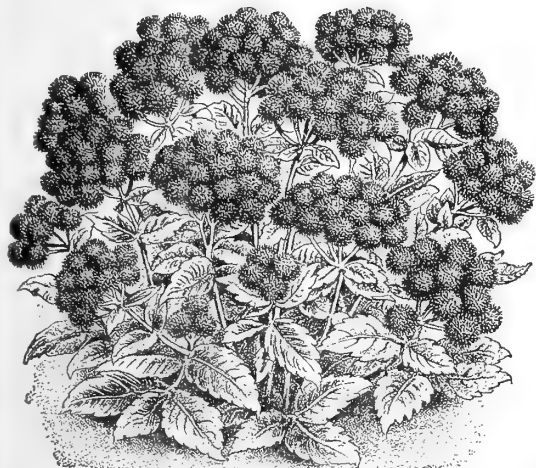
A joint Committee of the Columbus and Ohio State Hort. Society, reported as follows: "We consider Campbell's Early grape as one of the finest in quality we have ever tasted." Mr. Irwin, of the Division of Pomology at Washington, writes: "I have been testing every new grape that I could buy in the market, but have found nothing that would equal Campbell's Early." *The Rural New Yorker*, one of the best of authorities says: "It is a delicious grape; one that combines all the qualities claimed for it by its originator. With the thermometer at 18 below zero and without any protection Campbell's Early are not injured in the least."

The fruit committee of the Brockton Horticultural Society in 1896, consisting of Prof. E. G. Lodeman, of Cornell Experimental Station and others, awarded Campbell's Early 96 points out of a possible 100, it being by far the highest score ever gained by any seedling grape ever exhibited before the Society. I think I have pretty thoroughly presented to our patrons the high merits of this new grape. We hope that every man of them will plant one or more. Prices, one, 1 year, postpaid, \$1.00; ten, \$8.75; one, 2 years, \$1.50; ten \$12.50.

Novelties in Flower Seeds

FOR 1898.

AGERATUM BLUE PERFECTION. (A.)



AGERATUM BLUE PERFECTION.

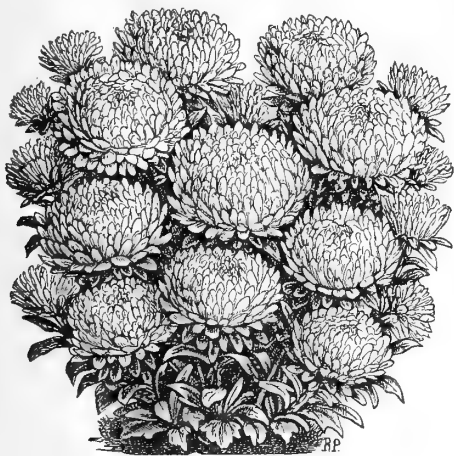
This new variety is of dwarf, compact growth, with large flowers of a most beautiful amethyst blue,—it is the darkest color among the larger flowering varieties of Ageratum, and is a most valuable plant for borders and bedding. Per package, 15 cents.

ASTER OSTRICH FEATHERED, WHITE. (A.)

A new class of candelabra shaped growth, producing very large flowers of 5 or 6 inches in diameter. The flowers differ from those of the Giant Comet in their much longer and still more twisted petals. For modern bouquet work, for arrangement in vases, baskets, etc., these long-stemmed magnificent flowers are invaluable. No gardener wanting Asters for cutting purposes should fail to procure this "gem" among Asters. Per package, 15 cents.

TRIUMPH ASTER, WHITE. (A.)

New white-flowering variety of this splendid class of dwarf Asters with



TRIUMPH ASTER WHITE.

large incurved flowers. Especially to be recommended for pot culture or for dwarf groups. Per package, 15 cents.

BALSAMS IMPROVED CAMELIA, WHITE PERFECTION. (A.)

A really pure white Balsam, with large, very finely formed double flowers. The plant as a whole, with its stems thickly crowded with snow-white blossoms, produces a magnificent effect. Per package, 15 cents.

CAMPANULA MIRABILIS. (P.)

Considered the most beautiful of all the bell flowers. Being densely branched from the bottom, it forms a low pyramidal bush of about 2 feet in diameter, each branch, even the smallest, producing a great number of large flowers of a pale blue or lilac color. The plants, when in full bloom, present a regular flowering pyramid of at least a hundred blossoms, open at a time. The discoverer says further in his description that "words cannot describe the extraordinary beauty of this plant." Per package, 15 cents.

THE WILD COLUMBINE. (P.)

All of us, when children, have "gone a Maying" in June, after the beautiful wild Columbine, the "Jacket and Breeches," of our childhood, and as a matter of beauty, in its brilliant scarlet and yellow dress, and grace as it hung pendulous from its long, slender stem, springing from its delicate cluster of leaves, I still think it leads our native flowers. With a view of seeing whether it would sport when raised from seed, I planted a couple years ago, a row of it in our experimental ground. It is true it did not sport, but it surprised us all as a garden flower in both the vast increase in the number of its flowers and the fact, that though it began to bloom a little later than its wild brethren, it continued blooming through nearly the whole growing season. It certainly well deserves a place in every flower garden and I think that every one who tries it will agree with us. I would suggest its ornamental value for bordering. Per package, 10 cents.

CHRYSANTHEMUM MAXIMUM PERFECTION. (P.)

One of our finest, hardy perennials, forming bushy plants that flower the first year if seeds have been sown in March or April. The magnificent large white flowers of splendid substance are borne on long wiry stems. Comes true from seed. Per package, 15 cents.

DELPHINIUM SPECIOSUM GLABRATUM. (P.)



DELPHINIUM SPECIOSUM GLABRATUM.

Handsome, new, hardy, perennial Larkspur from the Himalaya Mountains. It grows with spreading branches, forming a plant about 2 feet in breadth and 3 in height. Flowers starlike $1\frac{1}{2}$ to 2 inches across, of a beautiful azure blue color. Per package, 15 cents.

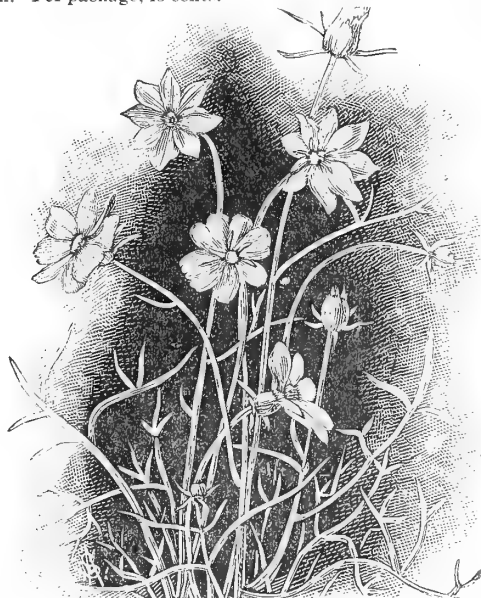
NEW GIANT ESCHSCHOLTZIA "THE GOLDEN WEST." (A.)

The flowers of these new giants measure from 4 to 6 inches in diameter; they have very large overlapping petals, often delicately waved at the edges. In some the orange blotch almost suffuses the whole flower, in others it runs into the yellow in fine penciled lines, others again have an orange centre with a margin of clear yellow, while the Maltese cross in some of the flowers is very distinct. Their intense and shining color, immense size and lovely forms, call forth the most enthusiastic expression of admiration. Per package, 15 cents.

LEPTOSYNE STILLMANI. (A.)

This beautiful new annual forms a bushy, compact plant, growing about one foot high with graceful thinly cut foliage. Each of the numerous flower stems are crowned with a splendid golden yellow blossom of elegant shape, over $1\frac{1}{2}$ inches in diameter, which remains five or six weeks in full beauty.

A prominent characteristic of this Leptosyne is that it blooms in about a month after sowing. Sow in the open air in sandy ground in a sunny situation. Per package, 15 cents.



LEPTOSYNE STILLMANI.

NEW PASSAFLOA GRACILLIS. (A.)**Passafloa Gracillis or "The Fairy Passion Vine."**

A very dainty, pretty little thing, useful for hanging baskets or pots. The flowers are white, measuring $1\frac{1}{2}$ to 2 inches across, and are like the flowers of Passafloa "Constance Elliott" in miniature; they are followed by seed fruits from 1 to 2 inches in length, at first light green, but when ripe, they turn bright shining red and burst open, disclosing fiery scarlet seeds; the entire plant becomes covered with these fruits and the effect is very pretty; it grows readily from seed, and the plants begin blooming when only 5 or 6 inches high. Package of 25 seeds, 20 cents.

RUDBECKIA, BI-COLOR, SUPERBA. (A.) (See cut.)

A very welcome addition to the collection of these popular annual and perennial plants so extensively used for cut flowers at present. Growing about 2 feet in height, it forms a many-branched dense bush and produces its long stemmed flowers in the greatest abundance. The disk is brown, the ray florets are yellow with large velvety brown spots at the base, a coloring which may be compared to that of the dwarf French Marigold, "Legion of Honor." Very effective annual, and very useful for cutting. Per package, 15 cents.

SUNFLOWER GOLDLEAF.

Single sunflower with golden yellow variegated leaves. The plants are of luxurious stout growth often reaching a height of 7 feet. The large leaves are variegated with most distinct markings, the colors varying from golden yellow to dark green; some leaves are regularly striped and blotched, in some the color approaches a clear golden yellow. We think this novelty will prove to be a most useful, ornamental annual, either if planted singly or in groups. Per package, 15 cents.

NEW EMPEROR SALPIGLOSIS. (A.)

The Salpiglosis is one of the greatest favorites among our annuals, because of its beautiful orchid like flowers which it produces during the whole summer. This new variety which we offer shows a very marked and striking distinction in habit of growth as well as in its flowers. It forms only one single leading stem which often grows as thick as a finger and bears on its end a bouquet of the most beautiful flowers, everyone of them richly veined with gold and considerably larger even than those of the grandiflora type. Per package 15 cents.



RUDBECKIA.

ZINNIA DOUBLE GIANT, "QUEEN VICTORIA."

A pure white variety of the well known Giant Zinnias. The very double flowers are of beautiful shape and measure about 4 inches across. This excellent novelty comes true from seed and is deserving of universal attention. Per package, 15 cents.

NEW CACTUS DAHLIA "MONARCH" (P.)

Immense flowers with very broad folded petals, color deep dark velvet red, with mossy yellow centre. Price, per package, 15 cents.

NEW MAMMOTH FLOWERING "ALLEGANY" HOLLYHOCKS. (P.)*(A new type of Hollyhocks.)*

Flowers from 4 to 6 inches in diameter, ranging from semi-double to double and so finely fringed and curled that compared with other double Hollyhocks they have the look of a flower from Fairyland. The colors are shell pink, rose and ruby red, a shade or two deeper at the centre and exquisitely tinted toward the edge. The flowers do not rot on the stems, but drop as soon as they fade. Every bud to the top of the plant is developed into flowers, making the flowering season considerably longer than with older well-known varieties. Price, per package, 20 cents.

SIDALCEA LISTERI.

Introducer's description: "Undoubtedly one of the finest hardy border plants ever offered. Its lovely color—a delicate satiny pink, with flowers borne alternately on long branching stalks, and flowered with continuous profusion throughout the whole season, makes it a most desirable plant for all to have. For competition and exhibition it is simply indispensable; when put up into sprays or bunches there is nothing could be more beautiful on any stand, while for flower or shrubby borders it is equally effective. The spikes when cut stand well in water, making it still more useful for decoration." Price, per package, 25 cents.

NICOTIANA SYLVESTRIS.

Introducer's description: "Stalks more than three feet high, very ramified, leaves, large, glaucous and obtuse, broad at the base. Flowers very large, pendant, pure white with a long tube. The bloom rises high above the foliage, giving the plant an imposing and highly decorative appearance. The plant was discovered in the Province of Salta, (Argentina), at almost 5,000 feet above the level of the sea, and it can therefore be concluded that it will be hardy, even in rather cold countries." Price, per package, 25 cents.

FOR CHOICE FLOWER SEEDS IN COLLECTIONS AT REDUCED RATES SEE PAGE 63.

COLD FRAME AND HOT-BED.

Early tomato plants in a small way may be raised in flower pots or boxes in a warm kitchen window: so also may egg plants and peppers. When raising them in the house, the pot or box containing the seed should be placed quite near the stove for a few days, and the soil be kept well moistened until the plants begin to break ground, when they may be removed to a warm window. It is best, if practicable, to have but one plant in each pot, that they may grow short and stocky. If the seed are not planted earlier than the 1st of April for out-of-door cultivation, a cold frame will answer. Select the locality for the cold frame in the fall, choosing a warm location on a southern slope, protected by a fence or building on the north and northwest. Set posts in the ground, nail two boards to these parallel to each other, one about a foot in height and the other towards the south about four inches narrower; this will give the sashes resting on them the right slope to shed the rain and receive as much heat as possible from the sun. Have these boards at a distance apart equal to the length of the sash, which may be any common window sash for a small bed, or the length of a usual gardener's sash. If common window sash is used, cut channels in the cross bars to let the water run off. Dig the ground thoroughly (it is best to cover it in the fall with litter to keep the frost out), and rake out all stones or clods; then slide in the sash and let it remain closed three or four days, that the soil may be warmed by the sun's rays. The two end boards should rise as high as the sash to prevent the heat escaping, and the bottom board of a small frame should have a strip nailed inside to rest the sash on. Next rake thoroughly in guano or phosphate or finely pulverized hen manure, and plant in rows three to six inches apart, depending on whether the plants are to be allowed to remain or are to be transplanted; if the latter, then three inches will be sufficient distance. Thin out the tomato plants when quite small, but allow peppers to remain rather thick at first by reason of danger from depredations of the cutworm. As the season advances, raise the sashes an inch or two in the middle of the day and water freely at evening with water that is nearly of the temperature of the earth in the frame. As the heat of the season increases whitewash the glass, and keep them more and more open until, at

about the close of May, just before the more tender varieties are set in open ground, allow the glass to remain entirely off both day and night, unless there should be a cold rain. This will harden them so that they will not be apt to be injured by the cabbage beetle, as well as chilled and put back by the change. If the tomato plants have been well hardened, the stalks will be of a red color. Should the plants be getting too large before the season for transplanting, they should be checked by drawing a sharp knife within a couple of inches of the stalk. If it is desirable to dwarf the tomatoes and thus force them into a compact growth, transplant into another cold frame, allowing each plant double the distance it before occupied.

The structure and management of a hot-bed is much the same as that of a cold frame, with the exception that being started earlier the requisite temperature has to be kept up by artificial means, fermenting manure being relied upon for the purpose, and the loss of this heat has to be checked more carefully by straw matting, and in the far North by shutters also. The front and back are also made higher than in a cold frame.

Horse manure with plenty of litter and about quarter its bulk in leaves, if attainable, all having been well mixed together, is thrown into a pile, and left for a few days until steam escapes, when the mass is again thrown over and left for two or three days more, after which it is thrown in the pit (or it may be placed directly on the surface) from eighteen inches to two feet in depth, when it is beaten down with a fork and trodden well together. The sashes are now put on and kept there until heat is developed. The first intense heat must be allowed to pass off, which will be in about three days after the high temperature is reached. Now throw on six inches of fine soil, in which mix a very liberal supply of well-rotted manure free from all straw, or rake in thoroughly superphosphate or guano, at the rate of 2,000 pounds to the acre and plant the seed as in cold frame. Keep day temperature 70 to 80 degrees, and don't allow it to fall below 55 degrees at night. If the temperature exceeds 75 degrees, the plants are liable to grow spindling and weak. Do not move the sashes to give air immediately after removing the mats in the morning, lest the young plants damp off.

....VEGETABLE NOVELTIES OF PREVIOUS YEARS....

FOR FULL PRICES FOR BUSHEL AND POUND TO PACKAGE SEE PAGES 38-51 INCLUSIVE.

Mrs. Mary A. Fullerton, Fullerton, Ky., writes: "I have always found your seeds to be as represented."

ASPARAGUS.

Edward Andrews, Brazil, Ind., writes: "I have planted your seeds several years to my satisfaction."

MOORE'S CROSS-BRED ASPARAGUS.

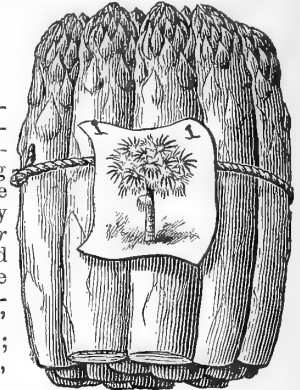
For twenty years Mr. Moore took first prize on asparagus at the shows of the Massachusetts Horticultural, which proves either that Mr. Moore used extra manure and extra cultivation, or that he had what he claimed, an extra variety of asparagus. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

COLUMBIAN MAMMOTH WHITE ASPARAGUS.

An entirely new variety of asparagus, which is sure to be in great demand in many localities, because it furnishes *white shoots* which *stay white* as long as *fit for use without earthing up or any other artificial blanching*, and can be depended on to give eighty to ninety per cent *white plants* from seed. The originator sells his to a canning factory that allows him over twenty per cent more for it than any other kind grown for them. Price, per pound, postpaid, 85 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

PALMETTO ASPARAGUS.

"Until we found this new Palmetto asparagus," writes a prominent seedsman, "'Conover's Colossal' had always been the leading sort, and justly so; but when we state that the Palmetto is not only much *earlier*, but it is also a *better yielder*, and it is more *even* and *regular* in its growth, it will be seen, we think, that it must eventually supplant the old favorite." Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.



PALMETTO ASPARAGUS.

For Full Prices see Pages 38 and 39.

BEANS.

See also Pages 10 and 11.

THORNBURN'S VALENTINE WAX BEAN.

(Novelty of 1897.)

We are much pleased with the results of our trial of this new wax bean on our experimental grounds, and we select it as worth cataloguing from a score of new varieties tested there the past season. We find it to be remarkably early, a true wax bean, being stringless, and a heavy cropper. "It grows about 15 inches high on strong stalks with healthy foliage, exceptionally free from rust. Planted June 18 half the crop could be picked Aug. 1st." A capital variety either for the market or home garden. Per peck, per express, \$1.25; per quart, postpaid, 40 cts.; per package, 10 cents.

FULLER DWARF BLACK WAX BEAN.

The Fuller Black Wax differs from the ordinary Black Wax in the following points. The plant is a larger, more vigorous and more robust grower. The pod is a little larger, a little longer, a little darker yellow, a little thicker, solid and meaty, and at the same time absolutely stringless. Very prolific—vines medium in size. Price, per peck, per express or freight, \$1.50; per quart, postpaid, 45 cents; per package, 10 cents.

CYLINDER IVORY POD DWARF WAX.

The following strong points are claimed for this new bean. Perfect freedom from rust and blight: great earliness; that its pods take on the wax color soon after they are formed; that its pods are perfectly round; entirely stringless; that it is remarkably productive. We find this more free from rust than the other wax varieties, yet not absolutely rust proof. Price, per peck per express \$1.25; per quart, postpaid, 40 cents; per package 10 cents

CHALLENGE DWARF BLACK WAX.

One of the *earliest* wax beans in cultivation. As *vigorous* and *prolific* as Prolific German Wax Black Seeded; pods as *large* and of as *good color* ripening *remarkably* uniformly and well together. Price, per peck, per express, \$1.10; per quart, postpaid, 40 cents; per package 10 cents.

WARDWELL'S NEW KIDNEY WAX.

This is an extra early, prolific wax bush bean, a *true* stringless wax. The pods average five inches in length. The color is of a delicate waxy yellow. Price, per peck, per express, \$1.00; per quart, postpaid, 40 cents; per package, 10 cents.

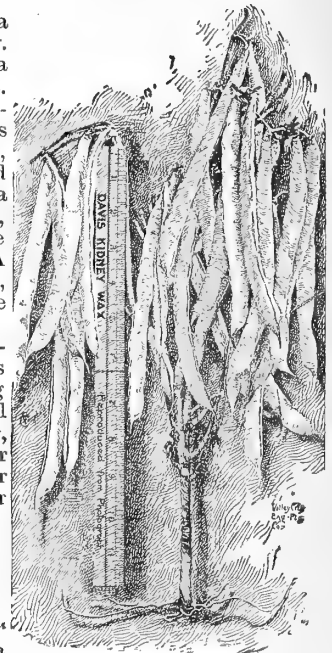
EARLY GOLDEN-EYED WAX.

With, perhaps, a single exception, it is least subject to rust of any dwarf variety. Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

DAVIS KIDNEY WAX DWARF BEANS.

The Davis Kidney Wax is a new and distinct kidney variety. The engraving, as shown, is a genuine production from life. The plant is vigorous, of compact, upright growth. The pods are extra long, straight oval, clear, waxy white color and handsome, often growing to a length of seven to eight inches, and, when fit for use, are quite stringless and of fine flavor. A little stringy as they grow old, but fine eating at every stage of growth.

One of the main points of superiority over other sorts is its extreme hardiness and shipping qualities. This new Bean will be likely to become a popular, standard wax sort. Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

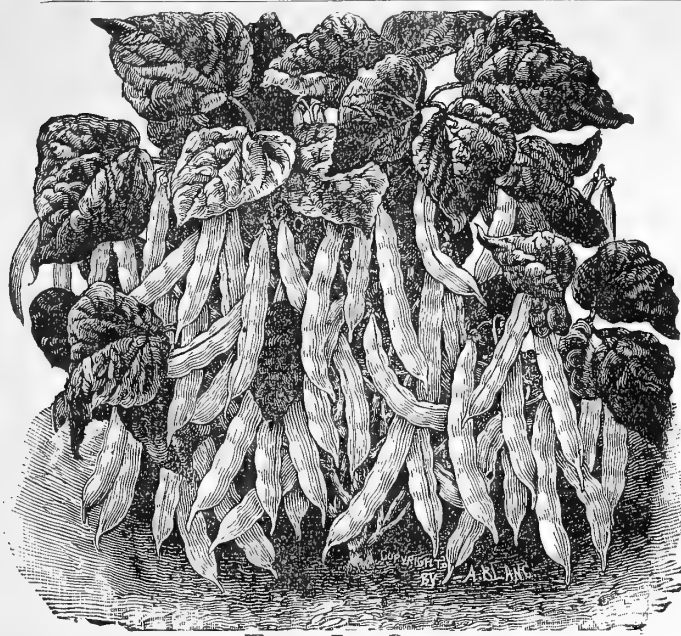


KEENEY'S RUSTLESS, GOLDEN WAX BEAN.

All wax beans that are of a yellow or wax-like color are more or less subject to rust, which spoils them for market use. Mr. Keeney, the great bean grower believes he has at last secured a bush variety, a sport from the Golden Wax, that excels all others in its comparative freedom from rust, while its hardiness, productiveness and fine quality make it specially desirable. The pods are entirely stringless, even when large enough to shell. Price, per peck, per express, \$1.20; per quart, postpaid, 40 cents; per package, 10 cents.

RHODE ISLAND WHITE BUSH.

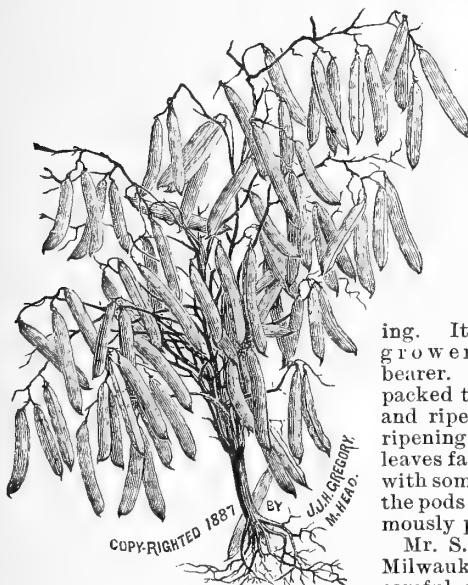
This is the earliest snap bean raised by the marketmen around Portsmouth for the New York market, to the exclusion of all others. A green podded, very early, very productive, first-class. Price, per peck, per express, \$1.40; per quart, postpaid, 40 cents; per package, 10 cents.



WARREN BUSH BEAN.

WARREN BUSH BEAN.

After having carefully tested the Warren side by side with scores of varieties, we unhesitatingly pronounce it to be the best of all bush beans we are acquainted with, for table use. The Warren crops well, and has a large green pulpy, stringless pod. When cooked, it has the rich quality that heretofore has been believed to be confined to the best of the pole beans. If any of our customers dislike the dark color of the Warren, we would recommend them to try as a substitute Low's Champion (a red variety). Price, per peck, per express, \$1.20; per quart, per express, 25 cents; per quart, postpaid, 40 cents; per package, 10 cents.

SNOWFLAKE FIELD.

SNOWFLAKE FIELD BEAN.

flake, White Wonder and Burlingame beans, writes us that he found that in this respect Snowflake surpassed the others. He counted one hundred and twenty completely filled pods on a single vine. Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

The cut was engraved from a photograph of a vine raised on our farms. This is a decided improvement on the common standard pea beans in earliness, having dry beans eighty days from the time of planting.

It is an upright grower and a great bearer. The pods are packed thick, in clusters, and ripen in August, all ripening at once. The leaves falling earlier than with some varieties, opens the pods to the sun. Enormously productive.

Mr. S. H. Seamans of Milwaukee, who made a careful comparative test of the yield of the Snow-

MARBLEHEAD EARLY HORTICULTURAL.

What would our customers say to a variety of Dwarf Horticultural that, with all the fine traits of that excellent variety, large beans, and large, rich-colored pods, excellent either for shelling or stringing, there could be added the capital trait of being in the very front rank for earliness? The Marblehead Early Horticultural is, we think, one of the earliest beans grown. Price, per peck, per express, \$1.50; per quart, postpaid, 40 cents; per package, 10 cents.

EARLY CARMINE-PODDED DWARF HORTICULTURAL.

There is no bean raised that is earlier than this. While just as early as our Marblehead Dwarf Horticultural, it surpasses it in the richer red color of its pods, most of which are bright red, making it decidedly more desirable as a market bean. While the common Bush Horticultural is a late bush bean, the Marblehead and the Carmine stand in the front rank of the earliest sort. Price, per peck, per express, \$1.75; per quart, postpaid, 45 cents; per package, 10 cents.

HENDERSON'S NEW BUSH LIMA.

This grows from fifteen to eighteen inches high, in a compact bush form, and produces heavy crops, which can be gathered as easily as the common bush bean. It has, also, the excellent trait of maturing its crop at least two weeks earlier than the common Lima. We find this to be the small Lima or Sieva. It is a thorough dwarf. To get full satisfaction from this bean grow it on a light soil. Price, per peck, per express, \$1.50; per quart, postpaid, 40 cents; per package, 10 cents.

BURPEE'S BUSH LIMA BEAN.

This is a true bush form of the luscious large Lima Bean, coming absolutely true from seed. The bushes grow eighteen to twenty inches high, are stout and always erect, yet branch so vigorously that each plant develops into a magnificent circular bush, from two to three feet in diameter. Not one plant in a thousand shows any disposition to "run."

It succeeds wherever the pole lima does, and is a great yielder of handsome large pods, well filled with beans, which are identical in size and luscious flavor with the pole Limas. It will not give satisfaction on heavy or wet soils. Price, per peck, by express, \$1.75; per quart, postpaid, 45 cents; per package, 10 cents.

DREER'S BUSH LIMA.

This is a much larger bean and of decidedly better quality than the Henderson Bush Lima. The beans are thick, sweet, grow closer together in the pods, are more tender and succulent, and, what is of greater importance, are decidedly earlier and the pod remains green long after maturing. Plant in rows two and one-half feet apart, and have the plants a foot apart in the rows. For private gardens, and wherever the use of poles is undesirable, it will be a great acquisition. Price, per peck, per express, \$1.75; per quart, postpaid, 45 cts.; per package, 10 cts.

MAMMOTH CARMINE-PODDED HORTICULTURAL POLE BEAN.

Every marketman is eager after the largest podded, and the richest Carmine Colored Horticultural Pole Bean. Here he will find decidedly the most attractive that has ever been catalogued. One of our clerks, who visited a large plantation of this new bean in 1893, tells me it was the handsomest sight in beans he ever saw. Thousands of poles were literally covered from top to bottom with its extra large, carmine colored pods; "painting the landscape red" with their brilliant coloring. Not only are the pods so much richer in color, but both pods and beans are much larger than those of the common kind. Its cropping qualities vary with different soils. Price, per peck, per express, \$1.75; per quart, postpaid, 50 cents; per package, 10 cents.

SEIBERT'S EARLY POLE LIMA BEAN.

This variety is exceptionally hardy and vigorous, and not only produces pods earlier, but continues in bearing longer than any other sort. Planted in our experimental grounds, it proved to be decidedly the earliest of all the varieties. In the latitude of Massachusetts it can only be relied upon to reach the green shell stage, but if desired the crop can be dry ripened. Price, per peck, per express, \$2.00; per quart, postpaid, 55 cents; per package, 10 cents.

KING OF THE GARDEN LIMA POLE.

The King of the Garden is a vigorous grower, requiring but two vines to each pole. When not too closely planted they set their beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season.

The vines grow luxuriantly, and furnish a bountiful supply of enormous pods, many specimens measuring from five to eight inches, and producing five and six beans to the pod. Price, per quart, postpaid, 45 cents; per package, 10 cents.

MASTIFF GOLDEN POD POLE BEAN.

(Novelty of 1896.)

This magnificent new pole bean is pronounced by some who have tested it the most valuable variety ever catalogued. For four years comparative tests have been made with other most excellent wax sorts, and each season it has proven to be the largest and most productive of all. In size and appearance of pod it bears the same relation to other pole varieties as the Yosemite Mammoth Wax does to the Dwarf sorts. Second early. We believe it certain to become a leading Wax Pole Bean. Price, per quart, postpaid, 45 cts.; per package, 10 cts.

J. B. Stover, Mascotah, Kan., writes: "Planting seeds from your house for 30 years I will say that I have always found them right."

BEETS.

Clarence Bowman, Hibernia, N.Y., writes: "I have used your seeds for over twenty years and have always taken first prizes from them at the fairs."

CROSBY'S EGYPTIAN.

FOR THOSE WHO WISH FOR A DARK-FLESHED, SMALL-NECKED, EARLY VARIETY OF BEET, THIS IS PROBABLY THE EARLIEST AND BEST SORT.

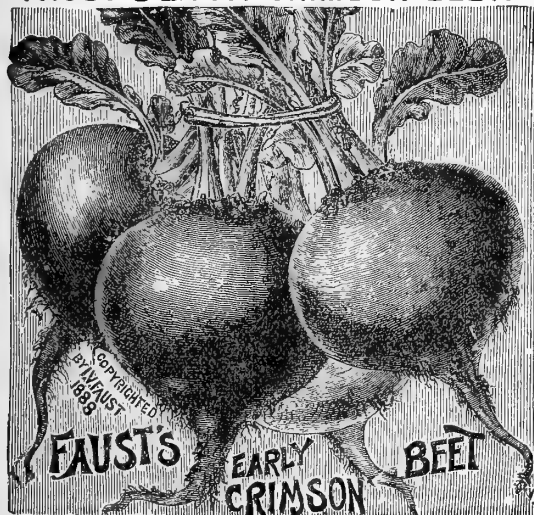
As early as the original Egyptian, by careful selection it has been made thicker, and is less inclined to push up a woody neck as it advances in growth.

George B. Courtis, one of our best resident market gardeners, expresses but the general sentiment when he says: "After trials of many varieties, I pronounce the Crosby's Egyptian the best for early market." Price, per pound, postpaid, 70 cts.; per 4 pound, 20 cents; ounce, 10 cents; package, 5 cents.

EDMANDS' BLOOD TURNIP.

This is a very good strain of late turnip beet, with flesh of an extra dark color, which makes it very popular with market gardeners. We find it to be medium early. Our customers will find it an excellent variety for general crop where a dark colored beet is wanted. Price, per lb., postpaid, 50 cents; per 4 lb., 18 cents; per oz., 10 cents; per package, 5 cents.

FAUST'S EARLY CRIMSON BEET.



We are pleased with the rich crimson color of this beet and surprised to find that it was the EARLIEST in our EXPERIMENTAL PLOT, WHICH INCLUDED SUCH VARIETIES AS EGYPTIAN AND ECLIPSE! We think that this is the sweetest of all beets, and a first-class early for every one, but of especial value to market gardeners. It is sometimes catalogued as the Mitchell's beet. Price, per pound, postpaid, 55 cents; per 4 pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

GOLDEN CHAMPION POLE BEAN.

This is the earliest of all the wax varieties, has pods as long as the longest, eight inches, and they are of a peculiarly rich, waxy white color, more so than that excellent variety, the Golden Butter. The pods are plump and round, and the foliage exceptionally stout and healthy; pods stringless. The points of superiority are extreme earliness, great productiveness, and the unusually fine color and quality of the pods. Price, per quart, postpaid, 50 cents; per package, 10 cents.

GOLDEN CLUSTER POLE.

The pods of this variety are enormously large and long, exceeding in size any pole bean cultivated; they are of a fine waxy white, and snap capitally. We find that on favorable soil it crops splendidly. Price, per quart, postpaid, 45 cents; per package, 10 cents.

WILKINS' POLE CRANBERRY.

A capital medium late variety of the old-fashioned pole Tory or Cranberry bean. It is a hearty, healthy, vigorous grower; nearly covering the pole with its numerous green pods. Price, per quart, postpaid, 50 cents; per package, 10 cents.

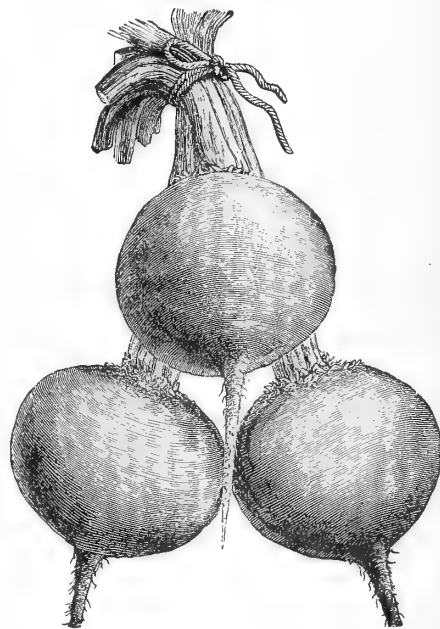
THE LENTZ BEET.

This new strain of early turnip beet has a great reputation in the Philadelphia market, it being a great favorite with the most eminent market gardeners. On testing it in our experimental grounds, we note that it is early, of a fine symmetrical form, and that it has a remarkably small short top. The flesh is very prettily ringed in color, and its quality is tender and sweet. This beet, as an early kind, will prove popular with market gardeners. "The Lentz Hybrid beets were of superior quality," Stephen Clemons, Hampton, Va. Per pound, postpaid, 55 cents; per 4 pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

ECLIPSE.

This valuable beet, of which we were the original introducers, has become a standard early variety. We might fill pages with recommendations. A prominent market gardener writes us: "In an experience of fifteen years, I find the Eclipse surpasses all in color, smallness of top and smoothness; and, moreover, it is a splendid crop-per." Price, per lb., postpaid, 50 cts.; per 4 lb., 18 cts.; per ounce, 10 cts.; per package, 5 cts.

Susan Sharp, Bell, O., writes: "The Eclipse Beet eclipsed all those of my neighbors. I had beets earlier than any of them."



DETROIT DARK RED BEET.

We find this to be as early as Crosby's Egyptian, with flesh as dark as the Edmands, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together; roots globular or ovoid; color of skin dark blood red; very crisp, tender and sweet, and remaining so for a long time. An early beet of the finest quality for either home or market use. Price, per pound, postpaid, 60 cents; per 4 pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

W. Hudson, Port Plain, N. Y., writes:—"I never fail to recommend your seeds to my friends."

BEETS—Continued.

F. E. Witherell & Son, Warwick, Mass., write:—"We are proud to say that your seeds stand high with us."

ARLINGTON FAVORITE BEET.

In the matter of new vegetables, we can safely follow where the Arlington (Mass.) market gardeners lead.

We find this new beet of theirs to be a fine early sort, dark red in color, having a small tuft of leaves for foliage, of good form, fine flavor. An excellent variety either for the market gardener or for the home garden. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

GATE POST MANGOLD.

This sort has been found by test to yield the heaviest weight per acre, while it has quite a small top, has but one tap root, with no sprangling growth, and is an excellent keeper. It has a pale orange colored skin, white flesh and scarcely any waste. Price, per pound, postpaid 45 cents; per $\frac{1}{4}$ pound, 15 cents; per ounce, 10 cents; per package, 5 cents.

GIANT YELLOW INTERMEDIATE MANGOLD.

This variety grows more than half above the ground, and is of a russet-yellow color. It has a thick neck, large leaves with green stems, and a very smooth and fine skin. Flesh white, firm and sweet, much liked by cattle. In short, an excellent root, easily lifted from the ground, producing enormous crops, and an excellent keeper. We find in them a little irregularity in shape. Price, per pound, postpaid, 40 cents; per $\frac{1}{4}$ pound, 15 cents; per ounce, 10 cents; per package, 5 cents.

George C. Kirtland, Brainard, Minn., writes: "For nearly forty years knowing that your seeds were as represented, I have embraced every opportunity to say that Gregory's seeds were all right."

W. D. Rogers, Lynnfield, Mass., writes: "From when I was a boy in Bartlett, N. H., over twenty years ago, until now, I have bought my garden seeds from you and they have always proved satisfactory."

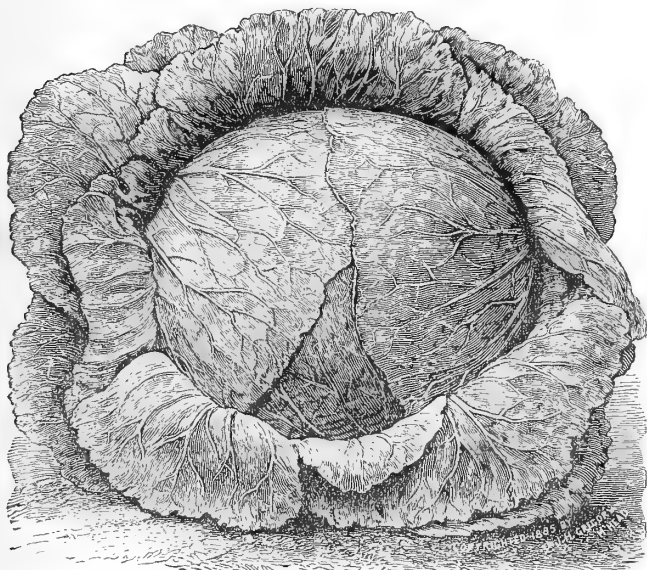
W. E. King, East Santa Cruz, Cal., writes: "I keep your picture of the old farmer and his wife, I like to look at; I won't say a word about your seeds—they talk for themselves."

OUR ALL-SEASONS FOR
MARKET.

CABBAGES.

THE EARLY JERSEY WAKEFIELD
FOR YOUR GARDEN.

ALL SEASONS. (Headquarters Stock.) Sometimes called "VANDERGAW."



This fine variety, which we were the first to catalogue, has through clear, sheer merit introduced itself into every leading catalogue in the United States. It is called "All-Seasons" because it is just as good for late market or to keep over winter as it is for the early market. Our stock is from specially selected heads. This is what the market gardeners write us:—

E. J. Ferguson writes: "Although it was a dry season, the All-Seasons cabbage made fine solid heads."

Samuel Staddon writes: "Your All-Seasons cabbage is the best that Chicago ever saw."

Lemuel Frazier, Jefferson Co., Wis., writes: "Your All-Seasons cabbage is the best cabbage I ever raised, both for market and family use."

C. C. Lineberry, Greensboro, N. C., writes: "Your All-Seasons cabbage is the best I have ever raised, and I will continue to use your seed as long as they are as pure as they have been heretofore."

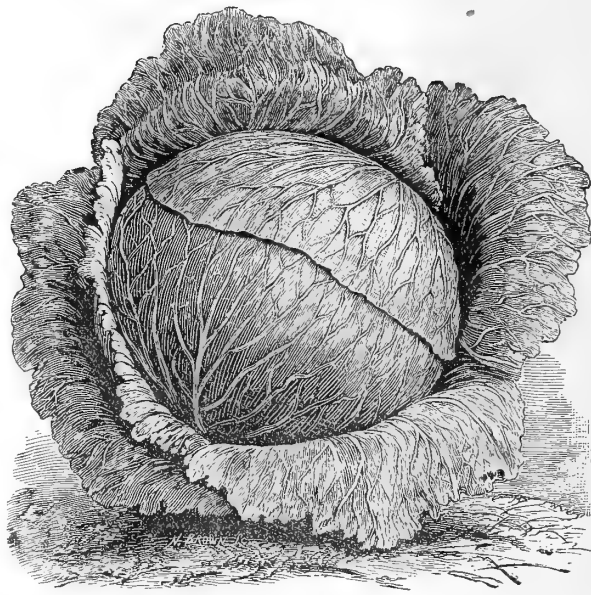
Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 20 cents; per package, 5 cents.

MAMMOTH ROCK RED CABBAGE.

(Novelty of 1897.)

After testing samples for several years in our experimental grounds we have at last found a variety of red drumhead which, while in every other respect equal to our standard sort, makes larger heads. The plant is large, with numerous spreading leaves. "The head is large, round, very solid and of deep red color. Ninety-eight per cent of the plants will form extra fine heads." Per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cents; per ounce, 20 cents; per package, 5 cents.

EARLY DEEP HEAD.



Every one of our customers who has raised them must have found the Early Deep Head a magnificent cabbage. The Deep Head makes a larger and deeper head than the original Fottler, hence is better to keep over winter, "peeling" well in the spring. Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 25 cents; per package, 5 cents.

FOTTLER'S EARLY BRUNSWICK CABBAGE.

After an extensive trial on a large scale by market farmers in all parts of the United States, Fottler's cabbage has grown in estimation in all the great cabbage districts. Those of our brother farmers who raise this fine, early Drumhead will find the Deep Head an improvement on it in depth of the head, which makes it a better strain to raise when the crop is for winter or spring marketing. Price, per pound, postpaid, \$1.75; per $\frac{1}{4}$ pound, 53 cents; per ounce, 20 cents; per package, 5 cents.

PREMIUM FLAT DUTCH.

Everybody knows a Flat Dutch cabbage; no introduction is necessary. There are several different strains of this cabbage, and we have endeavored by years of careful selection of stock to make our own very choice; a large increase in sales, especially in the South is the best proof that it is so. Very reliable for heading. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 20 cents; per package, 5 cents.

Joseph Ingram, Colfax, Ill., writes: "With me seeds from Gregory, have never as yet failed to grow."

CABBAGE — Continued.

G. W. Sedgley, Winthrop, Me., writes: "Your seeds have satisfied me for fifteen years."

EARLY JERSEY WAKEFIELD.

The standard early cabbage in the markets of New York and Boston. Our seed stock will be found to be very choice. We have tested many varieties side by side with our own but have never found one equal to our present strain. Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 25 cents; per package, 5 cents.

MARBLEHEAD MAMMOTH CABBAGE.

This is the *largest variety of the cabbage family in the world*. We have had heads, when stripped of all waste leaves, that could not be got into a two-bushel basket, having a diameter two inches greater. Our patrons generally succeed in growing the Mammoth from our seed to the weight of thirty and forty pounds, and in some instances over *ninety pounds!* *It is the best of all varieties to raise for winter feed for poultry.* We are specially careful to maintain the reputation of this giant among cabbages. The heads from which we raised this seed averaged forty pounds each. Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 25 cents; per package, 5 cents.

ALL HEAD.

If there is any difference between this and our Deep Head, certainly we have been unable to find it. However, under whatever name it may be known, it is an excellent sort for reliability for heading, size, earliness, and hardness of the head. Per lb., postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.

THE WARREN.

Sometimes called "WARREN'S STONE MASON."

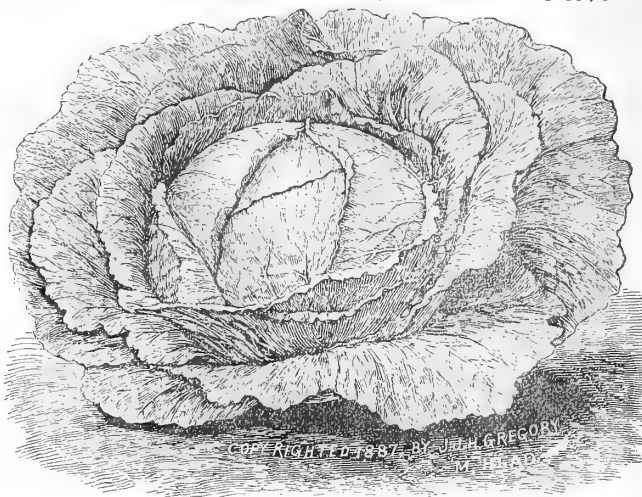


This first-class cabbage is an improvement on the old Mason cabbage of twenty-five years ago. It makes a deep, round, medium-sized and very hard head, the outer leaves wrapping it over very handsomely. In reliability for heading no cabbage surpasses it. It comes in as early as some strains of Fottler, and a little earlier than others. A capital sort to succeed the All-Seasons. The heads being very thick through, and nearly round, make it an excellent sort to carry through the winter. Price, per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, 98 cents; per ounce, 30 cents; per package, 5 cents.

HENDERSON'S SUCCESSION CABBAGE.

We find this to be a valuable variety. It has been thoroughly well bred, and has uniformly short stumps, about all of them supporting well-shaped, firm solid heads, as like each other as twins. Mature about ten days later than Early Summer. Price, per pound, postpaid, \$1.75; per $\frac{1}{4}$ pound, 53 cents; per ounce, 20 cents; per package, 5 cents.

GREGORY'S HARD-HEADING (OR LUXEMBOURG).



— This is the king of all cabbage for late spring selling. —

A. W. Dodge, Commission Merchant Boston, Mass., writes: "You may say to any one who may think of growing the Hard-Heading that they are the finest cabbage ever put in Boston market at this time, May 11, 1891."

Writes Mr. R. M. Edgecomb from Mapleton, Mich.: "I have just (April 15) taken out a load of your Hard-Heading almost as green as when buried."

George H. Bear, Morgantown, Pa., writes: "We had a head of your Hard-Heading cabbage on the table the first of June as sound as a new cabbage."

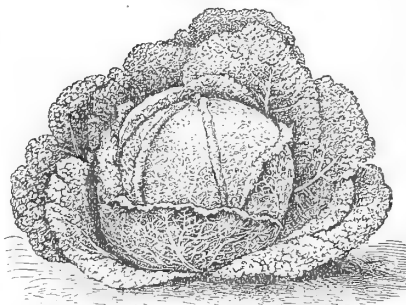
— A little advice: for early fall marketing we should as soon have the Deep Head, Stone Mason varieties; but for late fall, when a large proportion is wanted for shipment, or to be stored for winter sales, for winter marketing and preëminently for spring and late spring sales, when cabbages usually bring their highest price, *this is the cabbage*. Those who RAISE IT WILL HAVE THE MARKETS OF LATE SPRING ENTIRELY TO THEMSELVES. To get the very hard heavy heads plant ten days earlier, and manure more liberally than for the common Drumheads. Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 25 cents; per package, 5 cents.

GERMAN EXPORT CABBAGE.

This is one of the hard-as-stone varieties which are sent over here from Germany every spring, and bring at times a dollar more than the best of our home-grown sorts. The reason is, they are so much harder and consequently heavier per barrel. The heads are hardly as large as the average of our native Drumheads, and it has rather a long stump, though this latter is really of no practical importance. Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 25 cents; per package, 5 cents.

IMPROVED AMERICAN SAVOY.

The Savoy is the tenderest and the richest flavored of all cabbages, and for boiling are decidedly the best. The Improved American Savoy is probably the best of all the Savoy for the general market. It grows to a large size, is as reliable for heading as the Stone Mason or Premium Flat Dutch, and has as short a stump as either of these varieties. We heartily recommend it to all those market gardeners who grow Savoy by the acre for the general market. Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.



GUERANDE CAN BE PULLED
BY HAND.**CARROTS.****DANVERS—OURS IS THE MARKET
GARDENER'S STRAIN.**

DANVERS.

DANVERS.

In the town of Danvers, Mass., the raising of carrots on an extensive scale has for years been quite a business,—the farmers finding a large market in the neighboring cities of Salem, Lynn, and Boston. After years of experimenting they settled upon a variety which originated among them (as did the Danvers onion), known in their locality as the "Danvers Carrot." It is in form about midway between the Long Orange and Short Horn class, growing generally with a stump root. Under high cultivation (see our treatise on Carrots and Mangolds) are raised from twenty to forty tons to the acre, and, at times, even larger crops. This carrot is of a rich dark orange in color, very smooth and handsome, and from its length is easier to dig than the Long Orange. It is a first class carrot for any soil. *The seed we offer is from most carefully selected stock.* Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 38 cents; per ounce, 15 cents; per package, 5 cents.

P. L. Pasco, Ripon, Wis., writes: "I have grown Danvers Carrots from your seed at the rate of sixteen hundred bushels to the acre."



CHANTENAY.

75 cents; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts., per package, 5 cents.

CHANTENAY.

This new French carrot is of a rich, dark orange color. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, hardly as large, but finer and more symmetrical. Our customers will find the Chantenay a decided acquisition for those markets which call for those carrots of a finer type than the Danvers. Don't plant it for stock feeding as it will not yield equal to the Danvers. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound 23 cents; per ounce, 10 cents; per package, 5 cents.

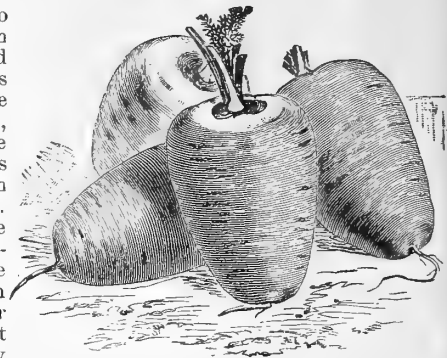
LONG RED CORELESS CARROT.

This variety resembles the Early Nantes, but is very strikingly longer and consequently more productive. It is almost cylindrical in shape, blunt at the lower extremity, and has extremely red, very sweet, and fine flavored flesh. This is especially an early, small leaved kitchen-garden variety. More profitable for market than as a carrot for stock. Price, per pound, postpaid,

GUERANDE HALF-LONG, STUMP ROOTED OR OXHEART.

Intermediate as to the length between the Scarlet Horn and the Short Horn. It is much thicker at the neck than either, and, as will be seen by the engraving carries its thickness well down towards the bottom. Crops as heavy as the Danvers with this advantage, that it can be grown thicker and can be raised on stonier land while every carrot can be easily pulled by hand; no ploughing or digging being necessary. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

Writes G. W. Tripp, Otsego, Wis.: "From one ounce of the Guerande I raised forty-two bushels of fine carrots."



GUERANDE HALF-LONG.

IMPROVED SHORT WHITE. (New.)

This new and distinct variety, Mr. Ferry thinks, is destined to take first rank as a field carrot, owing to its enormous productiveness, and the ease with which it can be harvested. Roots half long, very heavy at the shoulder, smooth; color light green above ground, white below; flesh rich, white, solid, crisp and of excellent flavor. As a heavy-cropping, easily harvested, white carrot, it is probably the best of its class. A real acquisition. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound 18 cents; per oz., 10 cents; per package, 5 cents.

Charles E. Perry, Block Island, R. I., writes: "I have purchased seeds of you for more years than I care to remember and I have never yet bought any that failed to grow or that did not prove true to name."

G. W. Taylor, Boston, Mass., writes: "Believing that it is well to speak well of a bridge that takes you over safe, I will say that I have always found your seeds to be as represented."

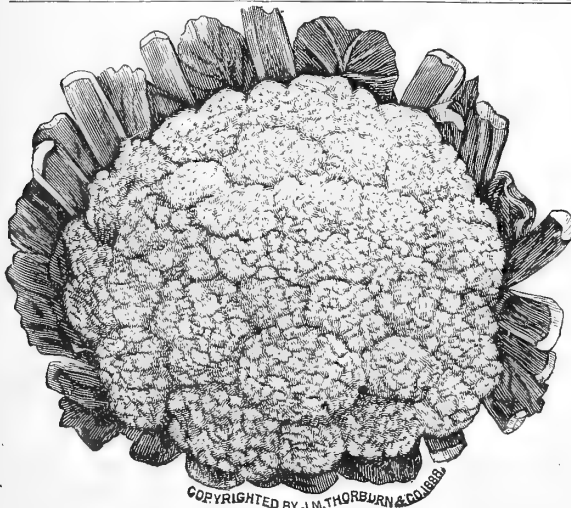
E. L. Lipscomb, West Point, Va., writes: "When I compare my crop of All Seasons Cabbage from your seeds with those from another house, I think it my duty to tell you how much I value a good honest seedsman. In ten years' experience I have grown first-class cabbage—the best from your seeds."

W. H. Woodhams, Kalamazoo, Mich., writes: "And right here I want to thank you for the good we have got from the perusal of your Fertilizer Treatise."

P. C. Smith, Bay Port, Mich., writes: "The \$30 worth of seeds you sent me all came good and the vegetables from them are unusually large and nice."

Mrs. E. D. Allen, Rutland, N. Y., writes:—"Have always found your seeds first-class."

CAULIFLOWER. Freeman Sanborn, Newfields, N. H., writes:—"I find your seeds very reliable."



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THORBURN'S GILT-EDGE. (See Cut.)

This is undoubtedly the finest strain of the Snowball variety. It is a little later and larger than the common Snowball, and can be left longer in the field without decaying. Price, per ounce, \$2.25; per package 25 cts.

HENDERSON'S SNOWBALL.

This ranks extremely high among the early varieties; for earliness, reliability for heading, size of head, and rich, white, curdy appearance, it is deservedly very popular. Price, per ounce, \$3.00; per package 25 cts.

LONG ISLAND BEAUTY.

In a late trial every specimen of the Long Island Beauty made fine heads, and the heads averaged larger than any other sort. It is among the earliest. We would advise all our market-garden customers, who are raisers of cauliflower, to give this a trial, not forgetting that cauliflowers will sometimes vary for reasons thus far untraceable. Price, per ounce, \$2.00; per package, 20 cents.

EARLY PADILLA CAULIFLOWER.

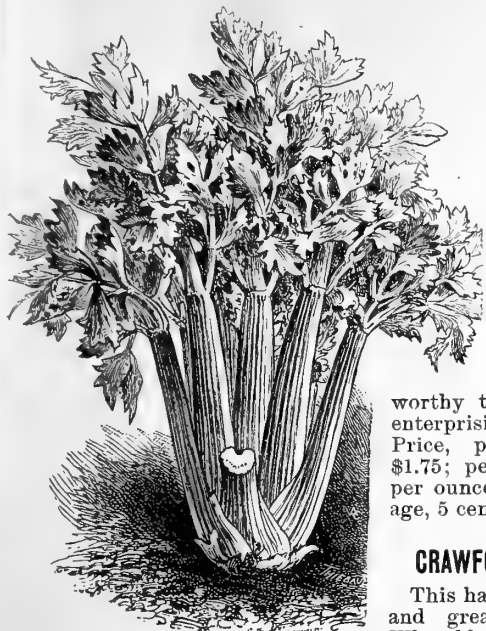
We have planted the Early Padilla with that excellent variety, the Snowball, and the Padilla headed earlier, and made as many and as good heads as the Snowball. It certainly will be a good investment for all market gardeners to give this new American cauliflower a trial. Price, per ounce, \$1.25; per package, 15 cents.

THE PASCAL IS NOW ACKNOWLEDGED TO
BE THE BEST WINTER KEEPER.

CELERY.

OUR LACKEY'S CORN IS NEARLY AS EARLY
AS THE CORY AND OF FINE QUALITY.

GIANT PASCAL.

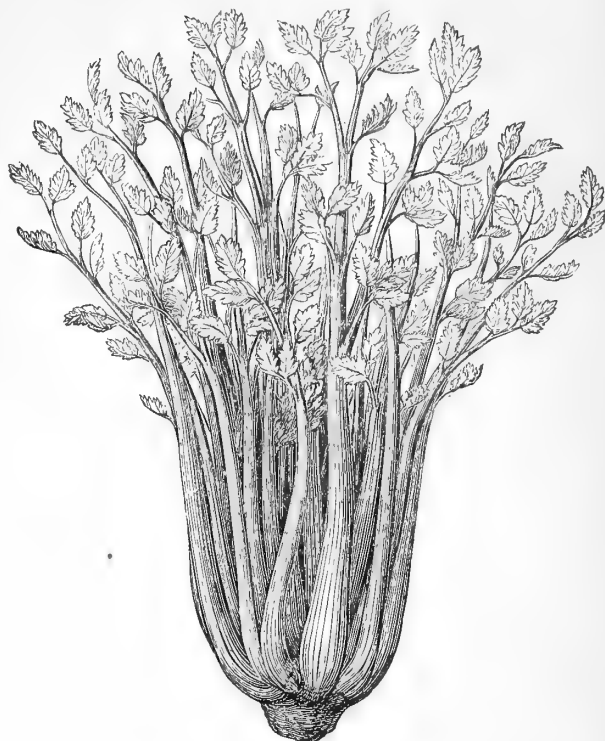


GIANT PASCAL.

passes most of the large-growing sorts in weight of bunch, when grown under the same conditions. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.

CRAWFORD'S HALF-DWARF.

This has a rich, nutty flavor, and great vigor of growth. When blanched, it is very ornamental for the table, and sur-



PARIS GOLDEN-YELLOW.

KALAMAZOO.

This is the variety the farmers always raise on the great celery farms of Kalamazoo. It is said to be the most perfect type of Dwarf White Celery known. Very distinct and handsome, of a beautiful cream-white color throughout, it attains a very large size, is of quick growth, stiff and close habit, is remarkably solid and finely flavored. The ribs are very broad, and closely set. A first-class keeper. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.

WHITE PLUME.

The peculiarity of the celery known as "White Plume" is, that by closing the stalks, either by tying them up with matting or by simply drawing the soil up against the plant and pressing it together with the hands, and again drawing up the soil with the hoe or plough, so as to keep the soil that has been squeezed against the celery in its place, the work of blanching is completed. The very qualities that make its culture so simple unfit it for a spring celery, as its tenderness and crispness of structure cause it to rot quicker than the old green kinds. Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.

NEW EARLY CHAMPION CORN.

Says a prominent seedsman: "This is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. Twelve rowed with pure white kernels"; and our grower says: "We find this to be fully as early as the Minnesota with a handsome ear of the size of Moore's Concord." With endorsements like the above we catalogue this variety. Price, per peck, per express, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

BONANZA SWEET.

An early variety with ears as long as Evergreen. About as early as Minnesota or Crosby, but the ears are decidedly larger, rich flavored and sweet. Price, per peck, per express, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

PARIS GOLDEN-YELLOW LARGE SOLID.

This celery has become exceedingly popular for fall use, blanching sooner than any other sort. It surpasses in about all the characteristics sought after — vigor of growth, a tendency under high cultivation to shoulder like the Boston Market, large size, readiness in blanching, it being to a large degree self-blanching, and in possessing the rich, nutty flavor of the best varieties. It is decidedly a better keeper than most of the self-blanching sorts, though surpassed in this respect by the Boston Market, Pascal and Arlington. Mr. W. H. Munroe, of Beverly, Mass., writes us: "I find the Golden-Yellow Large Solid Celery to be very large and stalky, very easily blanched, very fine in flavor, and of a rich golden-yellow color. I very much like it." F. J. Kinney, Worcester, Mass., endorses this variety as the best he has thus far found, for winter market. This has become the acknowledged early variety grown for the very discriminating people of Boston, by the market gardeners who supply them. Price, per pound, postpaid, \$3.50; per $\frac{1}{4}$ pound, \$1.10; per ounce, 35 cents; per package, 5 cents.

MARBLEHEAD MAMMOTH SWEET.

Green ears have been exhibited weighing between two and three pounds. It is the earliest, sweetest, and largest of all the Mammoth sweet varieties. Probably no other sweet corn will yield as much fodder, and for this reason it is extensively planted to be fed green, or dry. Price, per peck, per express, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

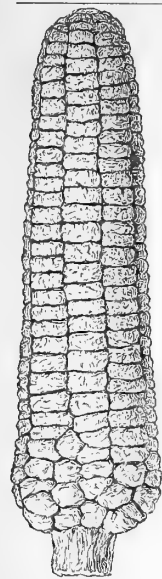
PERRY'S HYBRID.

On our experimental grounds this has proved to be very early and a remarkably large-eared sort for one so early. We would suggest to our farmer friends that either this or the Boston Market, if planted at the same time, would follow, for marketing just after the Cory. Price, per peck, per express, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

For prices per Bushel, see
Page 42.

SOME CHOICE VARIETIES OF CORN.

See also Page 15.



WHITE CORY. (New.)

Some have objected to the Cory because the kernels of some of the ears have a reddish cast. Here is a new strain which is not open to this objection, for by planting only white-cobbed ears of the Cory, after several years of care, a distinct variety has been produced, nearly entirely free from the objectionable red cob and kernels. It is equally as early as the original Cory, and averages sweeter. Price, per bushel, per express, \$2.50; per peck, 75 cents; per quart, 20 cents; per quart, postpaid, 32 cents; per package, 10 cents.

COUNTRY GENTLEMAN SUGAR.

Who that has raised that sweetest of all varieties of sugar corn, which we were the first to catalogue over a dozen years ago under the name of "Quaker Sweet," but has since been renamed "Ne Plus Ultra," has not regretted that the ear was so small as to make it difficult to market it? In this new variety, "The Country Gentleman," we have ears of good market size, which retain all the delicious quality of the "Ne Plus Ultra." Cobs small and kernels long. Our customers will find this to be a decided acquisition either for home use or for marketing. Price, per peck, per express, 75c.; per quart, 20c.; per quart, postpaid, 32c.; per package, 10c.

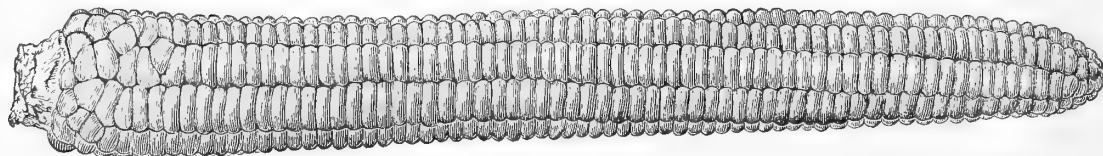
LACKEY'S EARLY SWEET.



The Marblehead and Cory varieties, which we introduced a few years ago, have not as yet been surpassed in earliness; but the Lackey Corn which we introduced to our customers in 1890, though later by a few days than our Cory, will be found to surpass either of them in two very important qualities: 1st, IT HAS LESS SMUT AMONG IT; and 2nd, IT IS DECIDEDLY A SWEETER VARIETY, being deliciously sweet. This is an excellent substitute for the Cory, or one to follow the market directly after it, as it matures earlier than the Crosby. Price, per peck, per express, 90 cents; per quart, postpaid, 32 cents; per package, 10 cents.

LONGFELLOW'S FIELD CORN.

This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) for over fifty years. The ears are remarkably long, some of them fifteen inches, and oftentimes two or more good specimens grow on one stalk. The cob is quite small, and the kernels large. It is the largest variety of yellow field corn that we have ever found it safe



to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. This is the variety that took the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, per bushel, per express, \$2.00; per peck, 60 cents; per quart, 20 cents; per quart, postpaid, 35 cents; per package, 10 cents.

THE CORY.

This sweet corn, of which we were the original introducers, is now recognized throughout the United States as the standard early sweet corn; all of the "first earlies" are but other names for it and its varieties. Price, per peck, per express, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

QUINCY MARKET.

A good favorite in Boston market, coming in just after the Cory, and just before the Crosby. The ears resemble the Crosby, being 12 rowed, but are larger. A true sugar corn, sweet, and of excellent quality. Per peck, per express, 90 cents; per quart, postpaid, 32 cents; per package, 10 cents.

POTTER'S EXCELSIOR.

We don't think there is a sweeter, richer-flavored corn for the table than this mid-summer variety. In its season this is the favorite corn in the restaurants of the large cities. Price, per peck, per express, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

LIVINGSTON'S EVERGREEN SWEET.

We find this comes in about a fortnight earlier than Stowell's and is not quite as large a variety. It yields large, handsome, ten or twelve rowed ears. Capital variety to follow Moore's. Price, per peck, per express, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

ZIGZAG SWEET CORN.

This is marketable just after the Crosby; the kernels usually run zigzag down the cob, whence its name. It is remarkably sweet. One of its most valuable characteristics is the long time it stands on the stalk in good condition for the table. Price, per peck, per express or freight, 75 cents; per quart, postpaid, 32 cents; per package, 10 cents.

CUBAN GIANT ENSILAGE CORN.

(Novelty of 1897.)

Those who are looking for a variety of mammoth corn, bearing larger ears and having taller stalks than the Leaming and do not object to the variety being a little later, will find it in the Cuban Giant. Per peck, per express, 50 cents; per quart, postpaid, 35 cents; per package, 10 cents.

EARLY BUTLER FIELD DENT.

Mr. Clark, of Ohio, who sends out this new field Dent corn, writes us as follows: "For three years I have been testing this corn with all the standard and new sorts, and find, after a thorough trial, that it is the very best one yet introduced for Northern climates." It is an extra early Dent.

Price, per peck, per express, 50 cents; per quart, postpaid, 35 cents; per package, 10 cents.

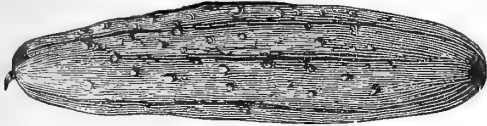
MEXICAN JUNE FIELD CORN.

A giant among corn, growing from sixteen to eighteen feet in height. A grand variety for grain in the South, for the silo in the North, and a grand curiosity for every section. Here on the sea-coast of Massachusetts on our experimental grounds, it reached a height of sixteen and one-half feet, and a ten-foot pole standing on the ground but just reached the lowest ear. Planted before June 1, it will mature in the South. Price, per peck, per express, \$1.00; per quart, postpaid, 40 cents; per package, 10 cents.

SOME CHOICE CUCUMBERS.

TAILBY'S HYBRID.

Mr. Tailby made this choice variety by crossing the Early White Spine on one of the English frame varieties. In Tailby's Hybrid we have a perfect success in hardiness, as it proves to be equally hardy with our American varieties. In size it is



longer than the White Spine, while it retains all the smoother beauty of its English parentage. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

GIANT PERA.

Of elegant symmetry of form. The flesh is crisp and tender, of excellent flavor, with a very few seeds. They have been raised twenty-six inches in length, and to weigh from four to six pounds. Price, per pound, postpaid, 80 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

BENNETT'S WHITE SPINE. (New.)

This is considered the best cucumber brought into the New York market. We find it to be a fine strain of very pure stock, retaining its glossy green color quite late. It will be found to be a little later than the "Improved White Spine" we catalogue. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

THORBURN'S EVERBEARING.

This is of small size, *very early*, *enormously productive*, and valuable as a green pickler. The peculiar merit is that the vines continue to flower and produce fruit until killed by frost. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

THORBURN'S COMMERCIAL PICKLING. (New.)

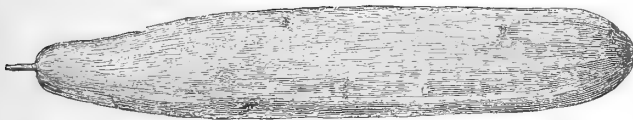
This is a fine strain of the White Spine type, retaining its dark green color long after pickling." Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

PARISIAN PICKLING.

A new French cucumber. It is markedly distinct from all other varieties, the fruit being strikingly long and cylindrical, and densely covered with fine prickles. The flesh is both hard, crisp and tender, what we all greatly desire in our pickles. We find that the vines are moderately productive, the fruit growing on peculiar stems. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 38 cents; per ounce, 15 cents; per package 5 cents.

GIANT GERMAN.

As will be seen by the engraving, this is an enormously large and exceedingly handsome cucumber. Some of the specimens on our own farms have attained the length of 25 inches and weighed eight pounds. The white color is peculiarly clear and



strong. For all who desire to raise the most attractive variety possible for exhibition purposes, we know of no sort which can give greater satisfaction than the Giant German. A customer in Georgia writes us that he grew one three feet long. Price, per ounce, 30 cents; per package, 5 cents.



LIVINGSTON'S EVERGREEN.

The New Evergreen is very *hardy* and *evergreen*, withstanding drought, and bearing until frost. A very strong grower, extra early, and of the best flavor, bearing firm, crisp fruits, either for pickling or slicing.

A celebrated vine-seed grower says: "I believe I never saw cucumbers lie thicker on the ground than the Evergreens did. When the frost killed the vines it really looked as though the *whole surface of the ground was covered*."

Mr. Henry C. Pound, Kentucky, writes: "Livingston's Evergreen Cucumber I consider one of the best for slicing, also good for pickling, and a prolific bearer. It was very dry with us last year. I did not have a fair trial, but pronounce it *ONE OF THE BEST* cucumbers. It did not seem to stop bearing."

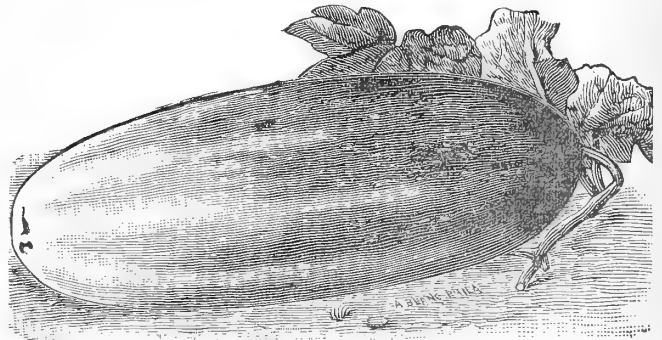
Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

NICHOLS' MEDIUM GREEN.

This comes as uniform in shape as Early Russian, though considerably larger than that variety. It is an excellent sort for pickles, and also good for early forcing. Color, dark green; flesh crisp; very prolific, and always straight, smooth and handsome. Many of the larger pickle-growers who have tested it pronounce it a decided acquisition. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

EXTRA SELECTED WHITE SPINE CUCUMBER.

We offer to our customers a new strain of the White Spine of our own raising, which they will find superior in its fine



size and symmetrical shape, to many strains, while in purity it is remarkable, being *perfectly pure*—not a single one off color appearing in a crop covering nearly an acre of ground. We confidently recommend this strain for hot-house culture. Per lb., postpaid, \$1.50; per $\frac{1}{4}$ lb., 48 cents; per ounce 20 cents; per package, 5 cents.

- - FINE LETTUCES. - -

SUGAR LOAF.



If you want a first-class, all-round family lettuce try this. Its habit of growth is such that while it branches out (growing under good cultivation, to ten or twelve inches in diameter), it also grows thick and high, thus making a large plant with plenty of heart. It is medium green in color, with a fine brown tinge. Of excellent quality, and

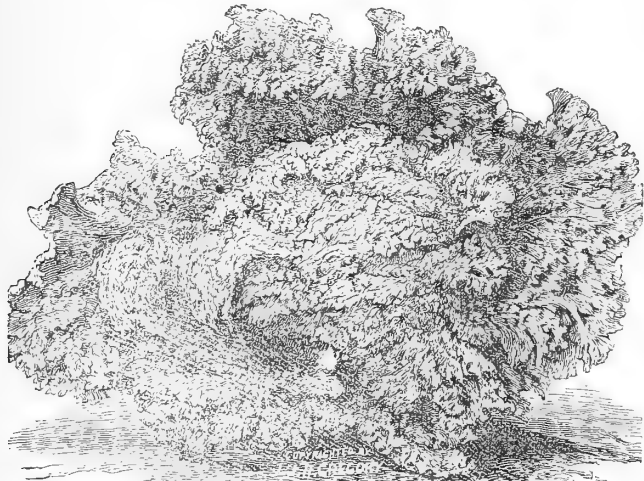
does not quickly run to seed. We recommend it as being among the best of summer lettuces. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 38 cents; per ounce, 10 cents; per package, 5 cents.

NEW HOT-HOUSE LETTUCE.

This new variety is especially adapted to greenhouse and hot-bed culture. It is a sure header, making larger heads than White Tennis-Ball and is not liable to rot. The seed was grown under glass. Price, per pound, postpaid, \$4.00; per $\frac{1}{4}$ pound, \$1.23; per ounce, 40 cents; per package, 10 cents.

MARBLEHEAD MAMMOTH CABBAGE.

This makes the largest head of all the lettuce we have ever raised, measuring eight inches in diameter across the solid head, or as large as a good Drumhead cabbage. Moreover the heads



are as distinctly defined, and are as closely wrapped together as are found in those of the average of Drumhead cabbage. The leaves are lightish green in color. It belongs among the second early. In quality it is tender, crisp, and free from bitterness.

Mr. Meggatt, the well-known seed grower, writes us: "Planted in my trial grounds, it proved a splendid summer cabbage lettuce; very large, a hard header, good quality, and very slow to run up to seed. I think it is equal to any cabbage lettuce I ever saw, and very much better than the most of them."

Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 38 cents; per ounce, 10 cents; per package, 5 cents.

DENVER MARKET.



This on our grounds proves to be what the introducer claims "an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads, of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy

cabbages), are very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the 'Hanson,' but is more oblong." Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound 38 cents; per ounce, 15 cents; per package, 5 cents.

LARGE BOSTON LETTUCE.

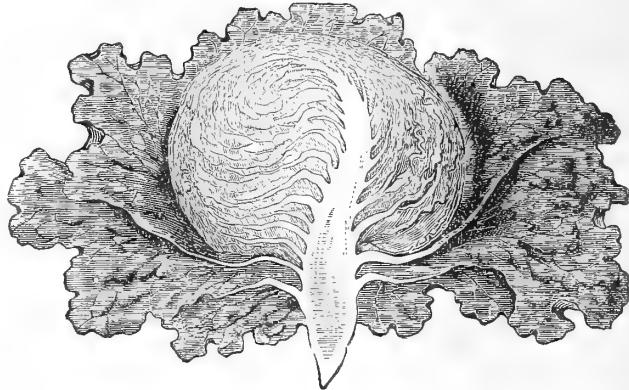


Boston is famous for her fine lettuces, and this new strain of White Tennis Ball has sprung into popularity because it is the largest of all for growing under glass, hence its great value to the market gardener. Price,

per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 20 cents; per package, 5 cents.

THE HANSON.

THE MOST POPULAR LETTUCE CATALOGUED.



The above cut shows the inside of this remarkably superior lettuce. Its heads grow to a remarkable size, and are sweet, tender and crisp, even to the outer leaves; this variety is free from any bitter taste found in some sorts. It is not recommended for forcing, but for outdoor cultivation it is rarely equalled, if grown on ground well manured and well cultivated. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 38 cents; per ounce 10 cents; per package, 5 cents.



In Writing please give your Name,
Post-Office, County and State.



SOME OF THE BEST MUSKMELONS.

EMERALD GEM.

This melon is of the Christiana type, small in size, very early,



in form it is flat-round. The flesh is of a deep orange color, and very thick, the seed cavity being exceptionally small. They are very sweet and the flavor is delicious, the melons being uniformly good; they are very uniform in appearance. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

CHAMPION MARKET.

This new claimant for public favor is said to be quite distinct from other varieties. They weigh from four to five pounds each. The flesh is light green in color, of a rich, sweet flavor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It is said to be very productive. It is an excellent shipper, and promises to make a first-class market variety. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package 5 cents.

BANANA.

This melon surpasses all others in its delicious fragrance. It is externally of a creamy white or delicate straw color. Just under the outer skin the under one is seen, of a bright green color; while the flesh below (the melon being nearly solid) is of a rich salmon, making a fine and striking contrast when brought to the table. The quality is first-rate when the melons are thoroughly ripe. It grows from eighteen inches to two feet in length and is very prolific. When ripe it reminds one of a large, overgrown banana, and what is a singular coincidence, it smells like one, having a remarkably powerful and delicious fragrance. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.



BANANA.

COLUMBUS MUSKMELON.

Seedsman, in common with the rest of mankind, feel the moral obligation on them of honoring the Great Discoverer, hence we have the Columbus Muskmelon. Mr. Livingston describes it as of good market size; skin a bright, glossy yellow color when fully ripe, and is nearly hidden by the very thick whitish netting. Its GREEN FLESH is very deep, leaving only a small seed cavity. THE QUALITY IS ALL THAT CAN BE DESIRED. IT NEVER WAS KNOWN TO BURST OPEN AT EITHER END. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package 5 cents.

MUSKMELON, LONG ISLAND BEAUTY.

This splendid new variety of the Hackensack type, originated on Long Island.

It is of very superior quality, with green flesh and densely netted. In shape it resembles the Hackensack, but is slightly more ribbed, besides being one of the most beautiful. It is also among the earliest, possibly the earliest of all. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cents; per package, 5 cents.



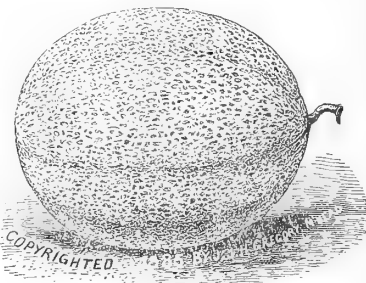
THE MILLER CREAM.

This melon, which we were the first to name and catalogue, has deservedly become exceedingly popular, probably more so than any other muskmelon now before the public. It is a cross between those two delicious melons, Sill's Hybrid and Casaba, growing rather larger and maturing a little later than the former. The flesh is of a rich salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, slightly sutured, and but little netted. The vine is a strong grower, and fairly productive.

Says Mr. Goff of the New York Ag. Exp. Station: "It is extremely sweet, rich and delicious, and very distinct from any other."

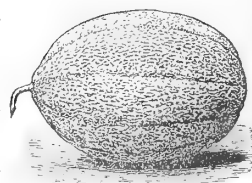
Chas. Furrington, Pequabuck, Conn., writes: "The Miller Cream is, without exception, the very best variety I ever raised; many of my friends pronounce it the best they ever ate, and I have a good many friends about the time melons are ripe."

Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.



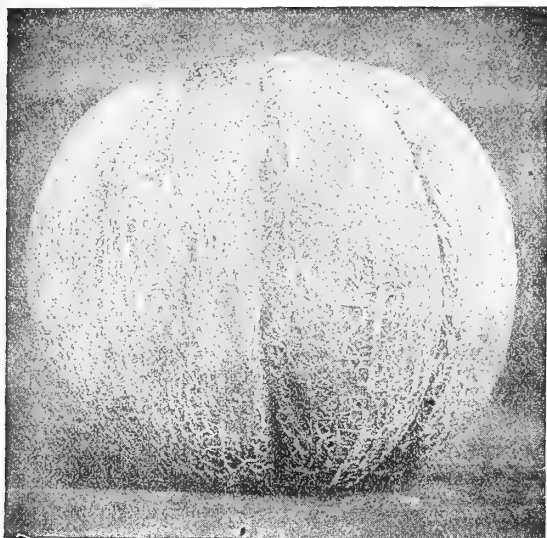
GOLDEN NETTED GEM.

A new and most valuable acquisition. On our experimental grounds, side by side with several other sorts, we found it ripened as early as the earliest, and the whole crop considered decidedly the earliest of any of them. Green-fleshed, nearly round in form, very heavy for its size, flavor delicious. It is below the average size, making it a better variety for family use than for market, but is a tremendous cropper, yielding as many as twenty to a single hill. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

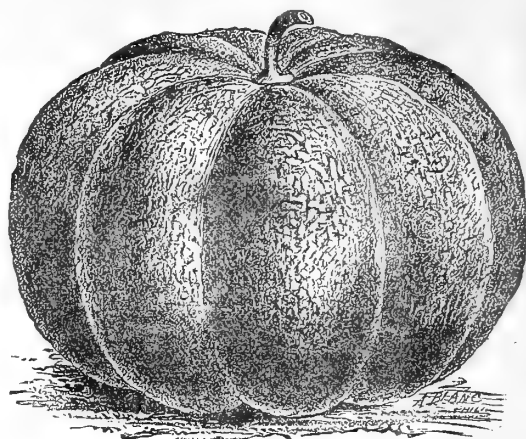


SURPRISE.

A new melon which has a thin, cream-colored skin and a thick, salmon-colored flesh. Early, very productive and of delicious flavor. Externally it resembles White Japan, but grows to twice the size. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

MUSKMELONS—Continued.**SIX OAKS CANTALOUPE.**

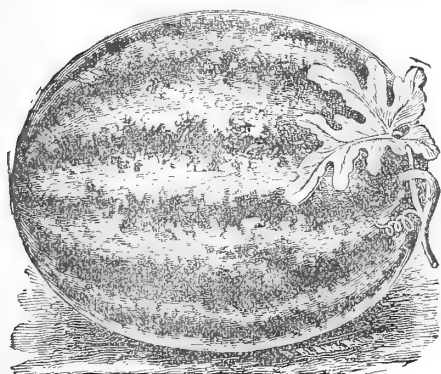
This is the best of all the varieties of new cantaloupes we tested in 1893. It is not only of the largest size, but is early and the fruits are heavy for their size. We found the specimen from which our engraving was made to be simply delicious. It is green-fleshed, deeply ribbed, well netted, and nearly round in shape. A fine variety to raise either for market or for the family garden. Price, per pound, postpaid, \$1.25; per ¼ pound, 38 cents; per ounce, 15 cents; per pkg., 5c.

**SHUMWAY'S GIANT MUSKMELON.**
(CANTALOUPE.)

Of the fifteen varieties of cantaloupes grown on our trial grounds in 1893, nearly all of them new sorts, this was the largest of all. It has been raised to weigh over twenty pounds. The color of the skin is a yellowish green; the shape is nearly round, slightly flattened. The flesh is a light salmon in color. Quite thick meated, it suggests in quality a cross between a muskmelon and a cantaloupe. It ripens clear to the skin. This large showy melon, of excellent quality for so large a variety, would be likely to take well in any market. Prolific and remarkably pure. Price, per pound, postpaid, 65 cents; per ¼ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

CHOICE WATERMELONS.**FLORIDA FAVORITE.**

Mr. Girardeau, of Florida, who originated this new variety, thus describes it: "In shape it is oblong; in coloring, green and white stripes blended; flesh, light crimson, crisp, and deliciously sweet, ripening ten days earlier than Rattlesnake, Kolb's Gem, and Iron-clad, all having been planted at the same time." He considers it the finest table melon extant. Seeds rather small and of a creamy white color. Price, per pound, postpaid, 60 cents; per ¼ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

KOLB'S GEM.

This is largely grown in the South for shipping to Northern markets, and has proved to be one of the best shipping melons known, as it has a very tough skin and will stand transportation better than most kinds. The flesh is of a bright-red color, and it ranks high for flavor. It is round in shape, striped with light green and grows to weigh from twenty-five to fifty pounds. Price, per pound, postpaid, 50 cents; per ¼ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

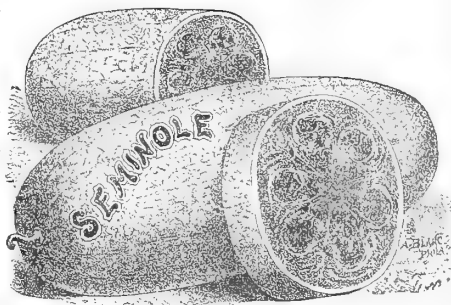
THE NEW GRAGG.

A distinct variety in both inside and outside appearance. Color dark green with alternate stripes of lighter green, the whole being covered with a delicate tracery of dark veins. The flesh is of a delicate salmon tint, which makes it exceedingly handsome and tempting. Flesh sweet, juicy, with a rich flavor peculiar to itself. Wherever grown it has called forth the highest praise for its new and distinct appearance, its earliness, its hardness, and great productiveness. Large, oblong, just about the right size for marketing. Several weeks earlier than Ice Cream. Price, per pound, postpaid, 60 cents; per ¼ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

SEMINOLE.

This new melon originated in Florida, the land of melons as well as flowers. It sports from gray to green in color, but all are of the same size, shape, flavor, etc. It is said to possess four distinguishing qualities: it is extra early, extra large, enormously productive, and of most delicious flavor.

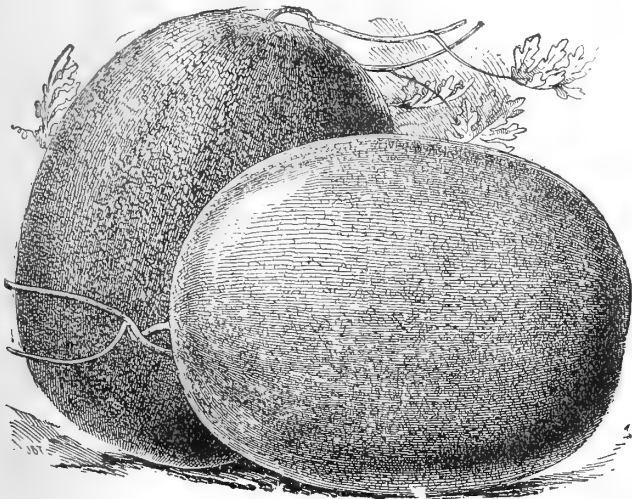
Price, per pound, postpaid, 60 cents; per ¼ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.



WATERMELONS. — Continued.**SWEET HEART WATERMELON.**

A distinct watermelon, which is large, handsome, heavy, a good shipper, long keeper, of bright color and best quality.

"Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green.



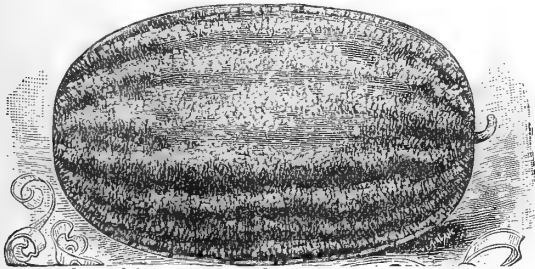
Rind thin but firm. Flesh bright red, firm, solid but very tender, melting and sweet. Fruit remains in condition for use longer than most sorts. Seeds gray." This is the kind of melon the Sweet Heart is and it is worthy of trial in all our gardens. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound 18 cents; per ounce, 10 cents; per package, 5 cents.

GREEN AND GOLD.

In sweetness and flavor it is simply delicious, certainly not surpassed by any red-fleshed variety we have ever eaten. It grows to weigh from twenty to forty pounds, and ranks among the very earliest. Its rich golden color will make it most desirable as an ornament for the table, if arranged slice and slice in contrasts with the common sorts. Price, per pound, postpaid, 50 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

DIXIE.

A new Southern variety, which is said to surpass the famous Kolb's Gem as a shipper, and to be unexcelled in quality and productiveness, highly recommended by various growers for hardiness, quality and productiveness. One realized \$200 per acre; another got \$30 to \$40 per hundred; a third declares it



the best in his thirty years of experiences; a fourth counted a dozen ripe to a hill and a fifth took first premium at the Illinois fair. Price, per pound, postpaid, 50 cents; per ounce, 10 cents; per package, 5 cents.

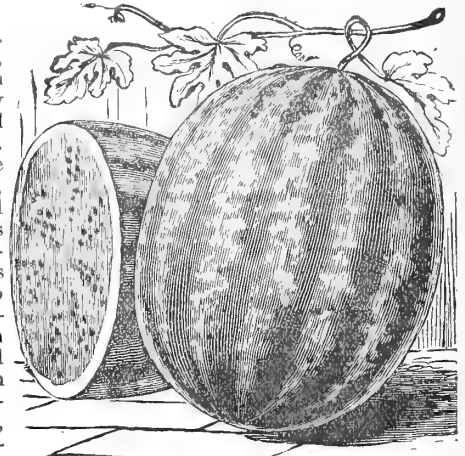
RUBY GOLD.

These vary in external color, part being light striped and part dark, and there is also some varying in the color of the flesh, being mostly an admixture of the two colors, ruby and gold, which has a rare ornamental effect. They grow to a good size, and are very sweet and of excellent quality. Price, per pound, postpaid, 50 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

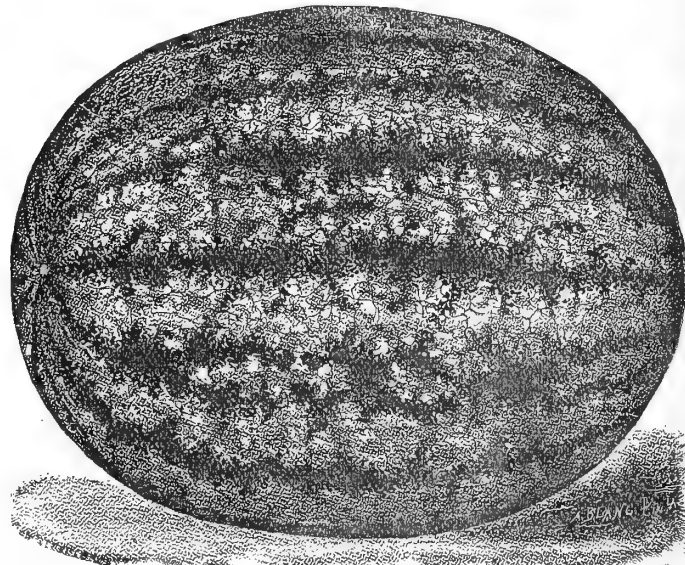
COLE'S EARLY WATERMELON.

Cole's Early is one of the finest every-day melons ever offered, for the amateur and for the home market. Being somewhat brittle, it will not do for shipping purposes.

It is very early, and will mature in every State, very hardy, vigorous and a sure cropper. Sweet and delicate in texture of flesh, which is a deep red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. The melons are of medium size, nearly round in shape, rind green striped with lighter shades. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

**THE DUKE JONES WATERMELON.**

Many new watermelons have been introduced of late, but there will always be room for an improved variety, and this the Duke Jones must be, according to the testimony of those who have handled it on a large scale. It is a nearly round variety, of enormous size, of surpassing quality and excellent shipper. Here is what they say of it: "Mr. Girardeau has shipped ten cars of his Duke Jones melons over our road; the cars averaged forty pounds to a melon; one carload forty-three pounds. They were the finest melons I have ever seen, and the flavor was delicious."—T. J. Wright, Agent. "Send us another car; Such stock will sell, no matter what condition the market is in."—J. Leverine, Cincinnati, Ohio. J. R. Wilder, of



Anthony, Florida, writes: "In our judgment the Duke Jones is destined to supersede all varieties as a shipper as well as a local market melon. It has every desirable quality." Other growers and dealers indorse heartily its quality, large size and remarkable bearing qualities, but we think the above selection sufficient to give our patrons a good idea of its merits. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

SUPERIOR ONION SEED.

For Full Directions for Raising Onions, see our Treatise on Onion Growing—Sent to Any Address for 30 Cents.

See Prices on Pages 45 or 46. As a rule, Red Onions are of Superior Table Quality.

PEDIGREE ONION SEED.

We still continue to raise our Pedigree strain of onion seed of the various kinds, by which we mean seed grown from most carefully selected, hand-picked onions. We send the men over the beds after the onions are pulled, raked in winrows and dry enough to house, on their hands and knees, to select out the driest and therefore the earliest, the thickest, hardest and best-shaped onions; all to be of good market size. We have a right to claim that seed raised from such onions is decidedly superior to the great mass of seed to be found in the market.

☞ We would invite any onion planter to visit our seed farms, at Howe's Station, Mass., and examine our seed onions.

An observing, intelligent farmer claimed that earliness, reliability for bottoming, smallness of neck, can be as thoroughly inbred in an onion as capacity to transmit her good qualities can be inbred in a cow or any class of animals. What is possible to attain to in this matter our customers find in our onion seed, as shown in the extracts from letters given below.

Fred H. Tingle, Ebenezer, N. Y., writes: "From 4½ pounds of your Early Round Yellow Danvers onion seed, planted on less than an acre, I grew 940 bushels of fine onions."

Richard T. Mace, Keeseville, N. Y., writes: "I raised 400 bushels of your Early Red Globe onions, from your seeds without a single scallion. The crop was harvested in August."

Byron Chesley, Bridgetown, N. S., writes: "I took three first prizes on onions grown from your seed at our late Provincial Exhibition."

George Keeney, Coventry, Conn., writes: "Onion seed of your own growing have done better for me than any from other seedsmen."

Fred J. Wendling, Jr., So. Buffalo, N. Y., writes: "Mr. Christian Schuddt of Reserve, N. Y., tells me that from 1½ pounds of your Early Round Yellow Danvers onions he raised over 400 bushels of the nicest onions he ever saw."

C. G. Marsh, Belden, N. Y., writes: "Pedigree onion seed for me every time. Please do not substitute."

EARLY ROUND YELLOW DANVERS.

We have by careful selection increased the roundness of our Danvers Round Yellow during the past three years, until it now is a fine, large, thick onion. The Danvers onion does best on a gravelly loam, making harder and brighter-colored bulbs than on heavy, dark or mucky soil, and it keeps better. If to be raised on muck, the land should first receive two hundred loads per acre of gritty soil. Price, per pound, postpaid, \$2.25; per ¼ pound, 63 cents; per ounce, 20 cents; per package, 5 cents.

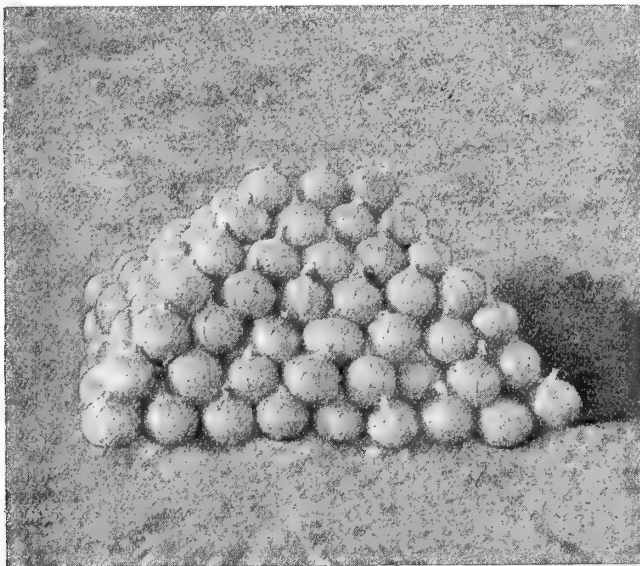


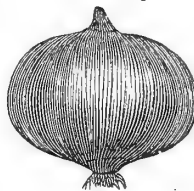
PHOTO. OF OUR EARLY ROUND YELLOW DANVERS ONION, TAKEN IN THE FIELD.

CHEAPER YELLOW DANVERS ONION SEED.

We again catalogue the same grade of Danvers Onion Seed sold by seedsmen in general, which we price at a lower figure than the Pedigree seed of our own raising. While this will not average so uniform in shape or so thick through as those raised from our Pedigree seed, they will vegetate first-rate and produce such Danvers onions as are usually found in the market. Price, per pound, postpaid, 80 cents; per ¼ pound, 23 cents; per ounce 10 cents; per package, 5 cents.

EARLY RED GLOBE DANVERS.

This variety, though it has had the name "Globe" given it is a thick, flat, rather than round onion. There are several kinds of Early Red Globe onion seed before the public; but in our trial grounds we have found no one of them equal in bottoming, earliness and cropping qualities to our Early Red Globe Danvers. This onion is not as well known as it ought to be; it ripens two weeks earlier than Red Wethersfield. Scallions are almost unknown when grown from carefully selected seed stock, it being as reliable for bottoming well as Winningstadt



cabbage is to make a head. Price, per pound, postpaid, \$2.00; per ¼ pound, 58 cents; per ounce, 20 cents; per package 5 cents.

THE EARLY YELLOW CRACKER

Is the earliest of all our yellow sorts, and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down and handled as carefully as an apple. Price, per pound, postpaid, \$2.00; per ¼ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.

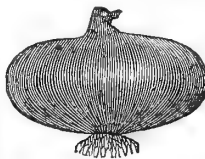


EARLY FLAT RED.

This differs from the Early Cracker in color, and is rather hardier. Price, per pound, postpaid, \$1.80; per ¼ pound, 55 cents; per ounce, 15 cents; per package, 5 cents.

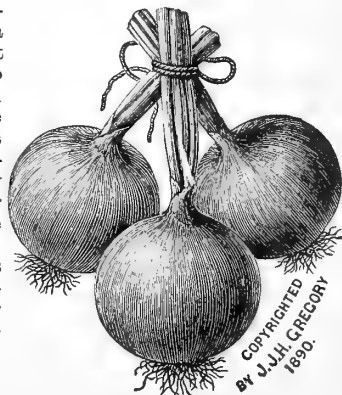
LARGE RED WETHERSFIELD.

This is the famous old stand-by, which perhaps is more extensively raised than any other sort. It is hardy, later than Danvers, and has not been bred to make as handsome an onion. The Reds are sweeter onions to eat than the yellow sorts, but do not look so inviting when cooked. Price, per pound, postpaid, \$1.25; per ounce, 15 cents; per package, 5 cents.



SOUTHPORT EARLY RED GLOBE.

A few seasons ago we encountered a surprise in a new variety of Southport Red Globe onion which is so early that it can be planted with safety wherever the Danvers will mature. This new onion, which we catalogue as Southport Early Red Globe, differs from our standard Early Red Globe in being much rounder. Hardly as good a keeper as the Red Globe, it is excellent for fall and early winter use. Price, per pound, postpaid, \$1.60; per ¼ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.



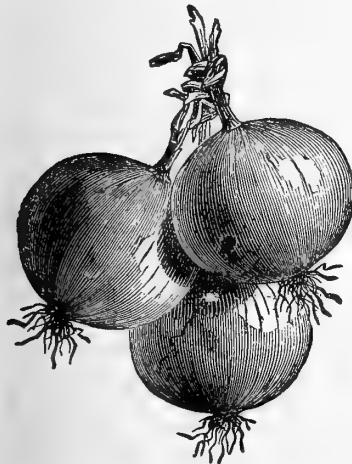
COPYRIGHTED
BY J. J. H. GREGORY
1890.

SUPERIOR ONION SEED — Continued.

LARGE FLAT WHITE ITALIAN.

We find in a special strain of Large Flat White Italian a decided acquisition of *real practical value to the onion grower*. There is no coarse, "six-pound" nonsense about it; but our customers will find it to be an extra large, extra early, white onion, that bottoms down well and is nearly entirely free from scallions. It is as early as the Danvers, and we do not see why it may not replace the Portugal and all the early white sorts as an early onion for bunching. Like all the other large onions, it is *not as good a keeper as the average varieties*, such as Danvers and Large Red. *Its sphere is as a fall onion*. For this purpose it is *decidedly an acquisition*. Price, per pound, postpaid, \$1.50; per ½ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.

SOUTHPORT YELLOW GLOBE ONION.



In this we have a variety precisely like the Southport White and Red in shape, differing from them in color only. It may be defined as a late Globe Danvers, yielding a larger crop than the Buxtons strain of Yellow Danvers. It has matured as far north as Central Massachusetts. The Southport Globes always command the highest prices in the New York market. Price, per pound, postpaid, \$1.50; per ½ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.

SOUTHPORT LATE RED GLOBE.

Very popular in the markets of New York; it measures better and sells at a higher price than Red Wethersfield. It is late, and we do not recommend it for farmers who live north of Southern Connecticut. Let them try our new variety, the Early Southport Red; for description see page 22. Price, per pound, postpaid, \$1.25; per ounce, 15 cents; per package, 5 cents.

SOUTHPORT WHITE GLOBE.

About as white and handsome as a newly-made snowball; sells at a higher price than other sorts. Too late to grow safely north of Massachusetts. A tremendous cropper: we have raised these at the rate of 1,300 bushels per acre. To get a very fine white onion, pull just as they begin to go down, and dry in an airy and shady place. Price, per pound, postpaid, \$2.00; per ounce, 20 cents; per package, 5 cents.

WHITE DUTCH EARLY ROUND HARD PICKLING.

The White Dutch is the beau ideal of a pickling onion, small, round, hard and white, surpassing every other variety for this purpose. *It is the only one used in the immense pickle factories of England and France.*

For pickles you need to plant thickly, at the rate of 30 pounds per acre, to produce the small pickling size. Price, per pound, postpaid, \$1.75; per ounce, 15 cents; per package, 5 cents.



WHITE BARLETTA.

The earliest of all varieties of the onion family. The distinguishing quality of this variety is its great earliness, as also its beautiful white nacreous color. It is about 1½ inches in diameter, and ¼ inch thick, with a flat top and a prominent base. Its earliness cannot fail to make it a favorite in every garden. Bulbs raised from the seed sown will mature just about as early as those raised from sets. Price, per pound, postpaid, \$2.00; per ounce, 20 cents; per package, 5 cents.

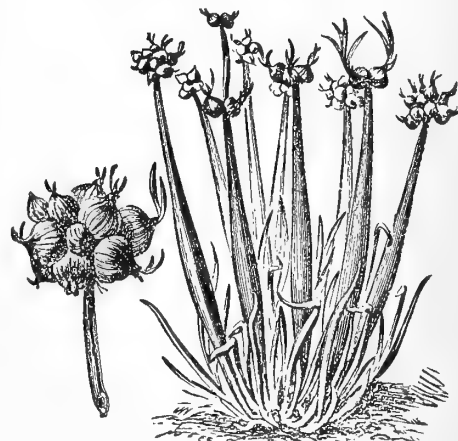


PRIZE TAKER.

This is one of the best of the huge foreign varieties. When started early under glass, and transplanted into open ground, they bottom fairly well, are nearly free from stiff necks, and when offered for sale always attract marked attention. They are not good keepers. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds. We offer this season American-grown seed. Price, per pound, postpaid, \$1.75; per ½ pound, 58 cents; per ounce, 15 cents; per package, 5 cents.

EGYPTIAN, OR PERENNIAL TREE ONIONS.

When once set out, without the slightest winter protection, these will come up year after year, as soon as frosts break ground, and grow so rapidly that they are ready for market or home use *two or three weeks before any other onions*. The bulbs are not round, but irregular, just like those called "rare-ripes" which we get by setting out old onions in the spring. They are larger the second year. For family use it is unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks, like tree onions. These should be planted in the fall. They will be sent out in August or September, as soon as ripened. Price, per quart; postpaid, 37 cents; per express, 25 cents; per package, 10 cents; per peck, per express, \$1.00; per bushel, per express, \$3.00.



PRICES OF ONION SEED.

See note at foot for prices for quantities. See also pages 45 and 46. We offer onion seed this year at the following rates: — Per lb. Early Round Yellow Danvers (our own raising) . . . \$2.17 Yellow Globe Danvers, good but not quite, as the above. 1.42 Cheaper Yellow Danvers72 Early Red Globe Danvers (our own raising) 1.92 Early Yellow Cracker (our own raising) 1.92 Early Flat Red (our own raising) 1.72 Southport Late Red Globe 1.17 Southport White Globe 1.92 Southport Yellow Globe 1.42 Southport Early Red Globe (Connecticut grown) . . . 1.52 Wethersfield Large Red 1.17

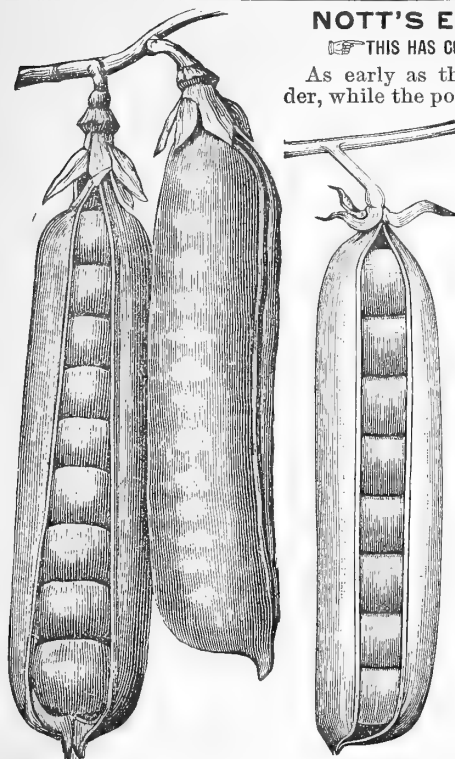
In case 10 to 25 pounds of any of the above are taken, the price will be 25 cents less per pound. No discount allowed on these rates.

These quotations are per express or freight at purchaser's expense. If ordered by mail, remit 8 cents per pound for postage.

NOTT'S EXCELSIOR, the leader of the wrinkled dwarfs.

SOME CHOICE PEAS.

GREGORY'S SURPRISE, the earliest wrinkled. No earlier round pea.



NOTT'S EXCELSIOR.

THIS HAS COME TO STAY.

As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. The cut represents the comparative size of the pods of American Wonder and Excelsior. Were we to follow the fashion of the day, we might make one as large again as the other, but there has been altogether too much humbug along this line; we propose to give facts only. It grows half taller than the American Wonder, and is a much heavier cropper. Our farmer friends should be sure to give this new pea a careful trial, for we feel sure that it has come to stay as a standard early dwarf wrinkled

NOTT'S EXCELSIOR. AMERICAN WONDER. pea.

In a comparison made on our own grounds, between the American Wonder and Excelsior, we found that under the same conditions the Excelsior yielded one-quarter more, in shelled peas one-fifth more and in weight of peas one-third more.

The *Rural New Yorker* says that while the Little Gem surpasses the American Wonder in productiveness, the Excelsior is "far more productive than the Little Gem"; that the pods are larger than those of the Premium Gem, the Excelsior being "within a day or two as early as the first early smooth pea."

William Monroe, of Beverly, Mass., one of the best gardeners, writes: "Growing side by side at Gregory & Son's experimental grounds were Nott's Excelsior and American Wonder peas, and while the former were just as early as the latter, the Excelsior was far ahead in the size and number of pods. I ordered a supply for next year on the spot."

D. C. Hicks, No. Clarendon, Vermont, writes: "The Nott's Excelsior is a fine pea, and must eventually take the place of the American Wonder, which it outranks at all points."

Price, per peck, per express, \$1.50; per quart, postpaid, 45 cents; per package, 10 cents.

CARTER'S UP-TO-DATE PEA, or "THE DAISY."

Messrs. Carter & Co., the well-known English seed firm, say: "This is the finest flavored wrinkled pea yet introduced. Our 'Stratagem,' 'Telephone' and kindred introductions have not yet been beaten in their war, but our 'Daisy' gives a new lead of its own, and will, as a meritorious pea, hold the field against all Dwarf Peas for a long time to come."

Its very dwarf habit, about 15 inches in height, the great size of its pod, and its heavy cropping all commend it. It is undoubtedly an acquisition. Matures just after Heroine. Price, per quart, postpaid, 55 cents; per package, 10 cents.

KING OF THE DWARFS.

We find that this variety grows a little taller than Little Gem, and that it is a day or two earlier. It is a very sweet, wrinkled pea, a vigorous grower, and great bearer. Pods of average size. Price, per peck, per express, \$1.50; per quart, postpaid, 45 cents; per package, 10 cents.

BLISS'S ABUNDANCE.

A wrinkled variety, about a week later than the American Wonder, bearing large, well-filled pods, containing about seven peas each. Plant grows from fifteen to twenty inches in height. Of excellent quality and very productive branching habit. Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

THE MARBLEHEAD EARLY MARROWFAT.

We will venture to say that every one of our customers who have raised this Marrowfat pea had a heavier crop from it than from any other variety they grew, it matters not how many kinds there were; and, further, that they got more pickings from it than from any other. This was our own experience. Having raised it on a large scale, we are ready to indorse the following points.

"1. With ordinary cultivation it will outyield any variety. 2. It will do better than any variety on thin land. 3. It remains a long time in bearing. 4. Its large, well-filled pods make it very valuable as a market gardener's pea. 5. The quality is first-class; so all who have eaten it testify. Picked early, they are as sweet and delicious as Little Gem or American Wonder. 6. It is an extra strong grower. 7. It will stand drought better than any other variety."

The well-known editor of the *Rural New Yorker* makes this statement: "Pods large, often containing eight peas. Vines immensely strong; remains in bearing a long time. Comes in after the earliest. First picking July 1; a fine kind." Pea growers will please note that while our old-fashioned Marrowfat has been among our latest peas, this new variety in addition to its other excellent traits, follows close after the earliest sorts. Per quart, postpaid, 45 cents; per package, 10 cents.

TELEPHONE PEA.

A tall, wrinkled marrow, of the best quality, a strong grower, and very productive. The pods are of the largest size, and contain from six to seven large peas. The rich dark-green color of the pods makes the pea sell well in the market; hence it has become very popular with farmers and gardeners. Price per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

EVER-BEARING PEA.

A new wrinkled late pea, growing about two feet high; a stocky grower with abundant, large foliage. It is a heavy bearer of large pods well filled with extra large peas of a delicious flavor, some of them measuring one and three-quarters inches in circumference. One of its strongest recommendations is the length of time it continues in bearing, yielding a number of pickings, a very desirable trait for the family garden. To get the best result, plant the peas about six inches apart. Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

IMPROVED STRATAGEM.

By most market gardeners the Stratagem is considered the best of all the large podded peas, but there has always been the much regretted defect that quite a large proportion of the crop would sport into a small-podded variety. By a careful selection of seed stock through a series of years this defect has been well-nigh overcome. The improved variety that we catalogue this season will be found to be nearly free of the vexing small sort, and to yield an ideal crop of pods of immense size well filled with dark green peas. Price, per peck, per express, \$1.50; per quart, postpaid, 45 cents; per package, 10 cents.

DUKE OF YORK.

A new English pea. It may be described in brief as an improved Telephone, or an earlier and more dwarf form of that famous pea. These two points will be sufficient to recommend it to the attention of those who have been growing that well-known and most popular sort. Price, per quart, postpaid, 55 cents; per package, 10 cents.

HANCOCK.

Many of our fellow-seedsmen send out an extra early pea bearing their own name. Though, as has been shown at some of our experimental stations, there is no marked difference between the various kinds in earliness, yield, or any essential characteristic of a first-class early pea, still, there is a good argument for this, for all very early peas tend to deteriorate, and those seedsmen sending out one bearing their own name are, therefore, compelled to look closely after it, to keep it true, by which the public are decidedly the gainers. Were we to "follow suit" we should select the Hancock as our extra early.

Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

One extreme, then another—

SOME CHOICE PEAS—Continued.

good times follow poor times.

THE HEROINE.

This is one of the large podded, large pea class, with the great advantage over most of them in the fact that its type is fixed and it has not the sporting proclivities of some well-known sorts that would otherwise be very desirable. It is medium early, green, wrinkled, growing about 2½ feet high. The pods are of large size, well filled, long and pointed, containing from six to nine large peas. Quality the very best. Mr. Charles E. Pecker, one of our best market gardeners writes: "I find the type of the Heroine pea to be thoroughly fixed. It is a fine pea for the most critical market gardener." Price, per peck, per express, \$1.25; per quart, postpaid, 45 cents; per package, 10 cents.

HORSFORD'S MARKET GARDEN.

This second early variety is a tremendous cropper. It grows nearly as tall as the Advancer with pods as long as that variety and as well filled. Grown by ourselves on a large scale it yielded not far from fifty bushels of shelled peas per acre. Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

DWARF CHAMPION.

First-class as a variety to follow the Advancer; very healthy and vigorous. This is another favorite with the market gardeners of Long Island, where it is sown August 1, as a second crop, being less liable to mildew than other sorts. Pods and peas large, quality very sweet and rich. Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.

BERGEN FLEETWING.

We have raised these at the rate of 225 bushels to the acre. It is deservedly a favorite with the market gardeners of Long Island. Pods and peas of good size; vines two and a half feet. Price, per peck, per express, \$1.25; quart, postpaid, 40 cents; per package, 10 cents.

NEW EARLY PRIZE.

A cross between Tom Thumb and the Advancer. Grows eighteen inches high, being slightly taller than Premium Gem, and while equally early, it is decidedly a better cropper. Pod large, heavy, and well filled; also equal to the wrinkled varieties in sweetness and flavor; it can be planted earlier than these without danger of rotting.

Writes Mr. O. H. Alexander, the well-known pea grower of Vermont: "Having tested Early Prize by the side of eighty varieties from all parts of the country, I consider it in all respects one of the best."

Price, per peck, per express, \$1.50; per quart, postpaid, 40 cents; per package, 10 cents.

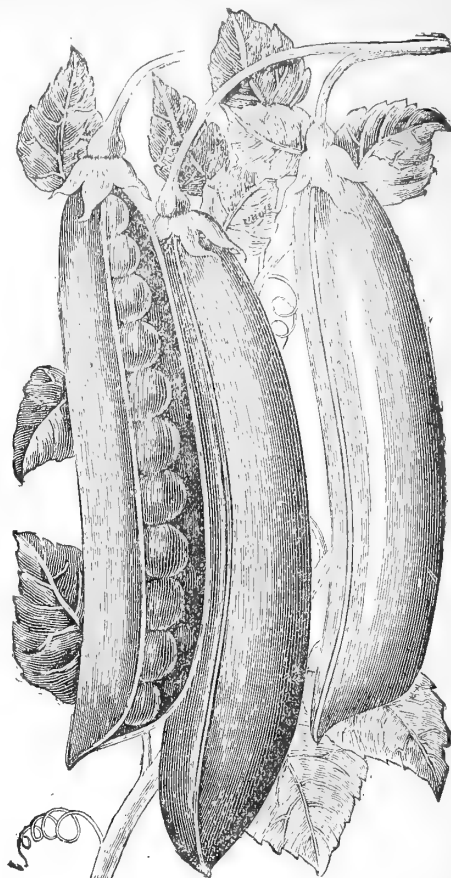
JUNO.

Pods are remarkably large, long, straight, thick through, and well filled. The color of the peas is that very dark green which is so desirable. Seven or more great peas in a pod. The vines are short jointed, large leaved and stalky, and from eighteen to twenty-four inches in height. It crops heavily; quality delicious. It is an excellent cropper and every way desirable. Medium early. A first-class pea to follow the early sorts. Price, per peck, per express, \$1.50; per quart, postpaid, 45 cents; per package, 10 cents.

Seeds ordered at mail rates will be sent postpaid by us. When seeds are ordered to be sent by either express or freight the cost of transportation will be at the expense of the purchaser.

NEW LIFE PEA.

The object sought by the originator of the New Life was to find a new variety which should possess all the good characteristics of the Stratagem without its defect of bearing more or less of small pods. In this we think he more than succeeded, for there are no small pods and, in addition, they are dark green in color, making the new pea a decided acquisition. It comes in just after Heroine and is a capital sort to follow that fine variety. Price, per peck, per express, \$1.50; per quart, postpaid, 45 cents; per package, 10 cents.

**STATION PEA.**

(A Wrinkled Variety.)

Just as early as peas, such as Alaska, Dan O'Rourke, Morning Star, Philadelphia Extra Early, and the entire list of them, no matter what name they bear, as we have proved on our experimental grounds by a trial of three seasons.

Prof. Goessman, of the Massachusetts Experimental Station, writes: "The seed of the three varieties of peas were sown May 4; June 25 there were a large number of the pods of No. 1 (Station Pea) ready for picking; June 29 pods were ready for picking on No. 2 (American Wonder). No. 1 (Station) gave the best yield." Prof. Munson, of the Maine Agricultural College, writes: "No 1 (Station) reached edible maturity June 30, about three days earlier than No. 2 (American Wonder). It comes on at the same time as Dan O'Rourke, Alaska and Morning Star." Price, per peck, per express, \$1.60; per quart, postpaid, 50 cents; per package, 10 cents.

SHROPSHIRE HERO.

This valuable new second early wrinkled pea is of British origin. It is a robust grower, about 2½ feet high, and, while about as early as the Advancer, produces pods and peas which are much larger, and of fine flavor. Price, per quart, postpaid, 45 cents; per package, 10 cents.

When figuring your orders please bear in mind our cash discounts, for which see page 1.

Kindly send in your orders early, which will be as well for you and better for us.

J. P. Treescott, Salida, Cal., writes:—"I have always been pleased with your seeds."

POTATOES.

Joe Lyman, Randolph, Vt. writes:—"We are perfectly satisfied with your seeds."

EARLY ROBERTS POTATO.

In this new potato we introduce our farmer friends to a rare, good thing. Many of you have raised the New Queen, and we know that all of you who have, have found it to be among the



very best; now the Roberts is a sport from this famous sort, and while fully equal to it in yield and quality, is at least *a week earlier*, when planted side by side at the same time. In color it differs from the New Queen in being white. The average crop of Mr. Roberts, who is one of the most successful market gardeners in Essex county, for several years has been 100 barrels to the acre. He informs us that his neighbors, who are prominent market gardeners, have had the same successful experience with it. They have all observed that while it is every way as good as the New Queen, in all its many desirable qualities, it has the *great advantage of being a week earlier*. Mr. J. E. Chase of Essex county, Mass., says that his Roberts ripened so much earlier than the Beauty of Hebron that he had them all marketed before the Beauty of Hebron was ripe enough to dig. David Warren who has had a large experience with many sorts, says, "The sum of my experience is that the Roberts is the best and earliest of the first early sorts now on the market. Plant on highly manured land but one or two eyes to each piece."

These recommendations might be indefinitely extended, for all of Mr. Roberts' neighbors who have grown them are ready to endorse all he claims for them. This valuable variety is too good a one to be monopolized by a few enterprising market gardeners, and with the assent of Mr. Roberts we send it out to the public. As Mr. R. was the first to find this sport among the New Queen and was the first to make known its merits, he deserves to have his name attached to it.

THE NEW POTATO, CARMAN No. 1.

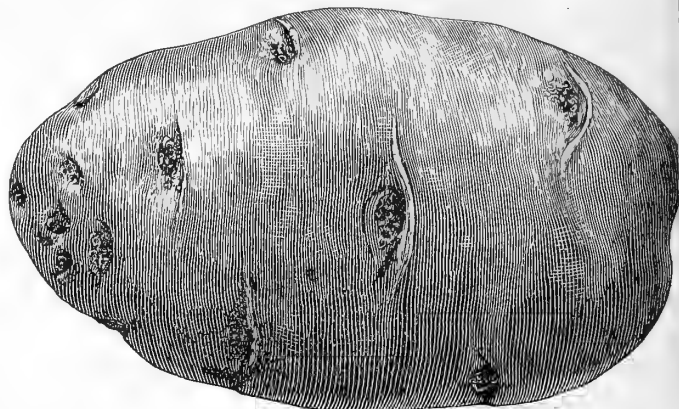
This has the peculiarity of being a seedling from seedlings raised through several generations. In its form, size and general appearance it closely resembles Carman No. 3. It is intermediate between early and late in ripening. It has but few eyes, and these shallow. The flesh is white as flour. It is a hearty, vigorous grower, the vines being remarkably stout and stalky. A great cropper, the tubers are extra large, with hardly one among them below market size. We have raised the Carman No. 1 on our grounds the past season, and are pleased with it, though on some soils its quality is not first-class.

Marshall Bros., Lancaster, N. H., writes: "From one bushel of Carman No. 1 potatoes, bought of you, we grew 75 bushels of handsome potatoes. They are first-class in every way."

John P. Perkins, Moose Neck Hill, R. I., writes: "I took the first premium at our county fair on your Carman No. 1 potatoes."

EARLY NORTHER POTATO.

A seedling raised from a seed-ball of the Early Rose. In shape, color and season of ripening it very closely resembles the Early Rose, but in yield is more prolific. It is likely to



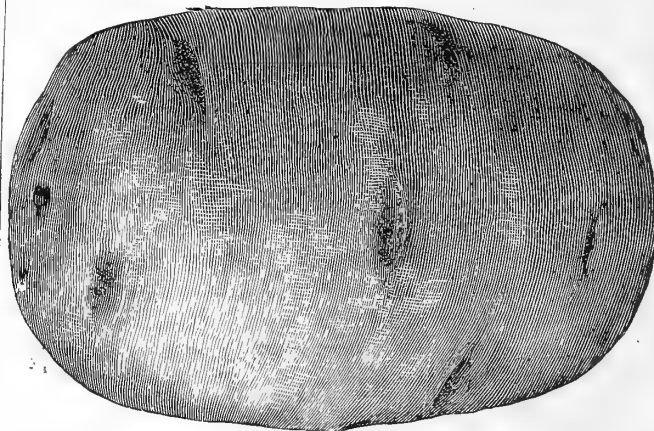
become as popular as the New Queen. Market gardeners, writing to the originator (from whom we obtained our seed stock), speak very highly of it.

N. G. Kilborn, Douglas County, Minn., writes: "This has been a very poor season for potatoes, but, nevertheless, from the one barrel Early Northern, bought from you last spring, I harvested one hundred and forty-seven bushels."

THE DELAWARE.

A VALUABLE POTATO.

It is seldom we find such a combination of size, yield and quality in any potato. A professor in one of our agricultural colleges recently told us that he dug a carpet bag full from a single hill, and a day or two after a farmer stopped me to say that it was the finest eating potato that he knew of. The



average form is shown in the engraving. It is medium early; in size it is *large, being above the average*, the skin and flesh are *white*; in yield it is a remarkable cropper, while in quality it is *first-rate, being dry and meaty*. It is one of the few varieties that do well on all kinds of soil.

R. D. Page, Campton, N. H., writes: "In 1895, on one acre, I grew 400 bushels of nice Delaware potatoes from stock purchased of you."

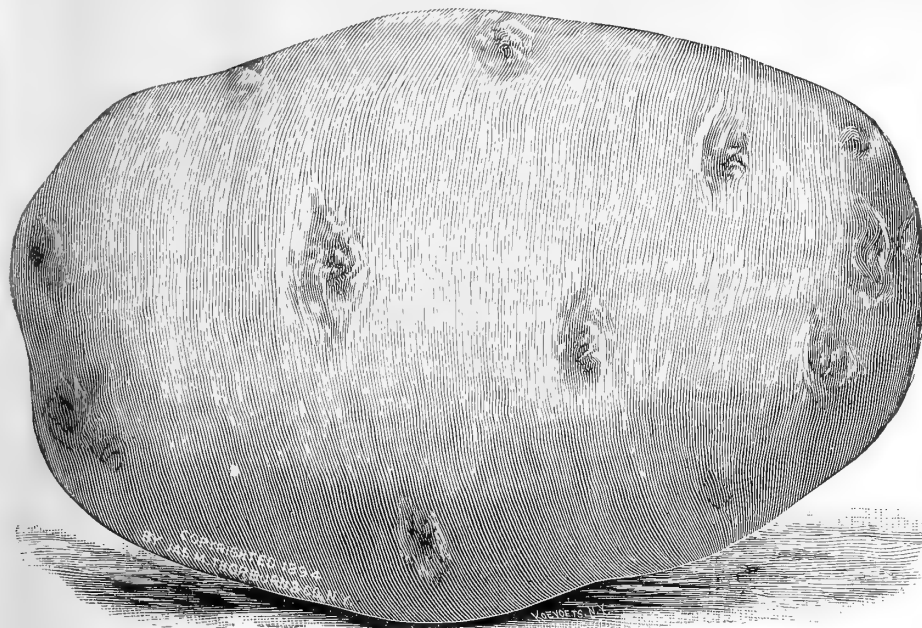
Rev. Joseph Granville, Fremont, N. H., writes: "From one pound of Delaware potatoes planted I harvested eighty-two pounds."

C. L. Hommedier, Islip, N. Y., writes: "Your Delaware potatoes look like snow-balls on the table. They keep splendidly."

J. R. Jester, Brown's Canon, Colo., writes: "From three pounds of your Delaware potatoes I got four hundred and seventy-five pounds of very large and smooth potatoes."

Writes W. M. Hexamer of the *American Agriculturist*, who tested them in the spring: "I have found them very fine grained, and of a pure delicate flavor rarely found in old potatoes."

POTATOES — Continued.

THE NEW POTATO,
CARMAN NO. 3.

(Novelty of 1896.)

The Carman No. 3, with the exception that the tubers are a little more elongated, is in its origin and appearance like the Carman No. 1, a seedling from seedlings raised through several generations. Its average form is shown in our illustration. The eyes are very shallow and but few in number. It is of the shape-liest form, and even in droughty seasons its perfect shape is retained. It is a great yielder of large potatoes. It may fairly be claimed that it does not yield any small tubers at all in ordinary seasons. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is of the *largest size*. It is a perfect keeper. Both skin and flesh are of extreme whiteness. At digging time our workmen preferred this to any of the numerous white varieties on the grounds. The foliage is of a dark green color, and the vines are strong and vigorous. The tubers

set while the vines are quite small, but do not ripen until late. This gives all the advantages of continuous growth for the entire season, making it very valuable for the main field crop.

Our claims for the Carman No. 3 are: 1st. It is one of the handsomest large potatoes ever produced. 2d. It will out-yield most varieties. 3d. Practically every potato is of marketable size. 4th. Its table qualities are good. It has no hollow hearts and no dark parts.

EARLY SIX WEEKS.

The Six Weeks is very evidently a seedling from the Ohio, which it very closely resembles in every way, but is earlier, makes rather taller stalks, and appears to yield better on upland than that fine variety. The potatoes grow so rapidly that, under favorable circumstances, they are as large as hens' eggs, and therefore fit for family use, *in six weeks from time of planting*, and mature in between ten and eleven weeks. We find it a fair yielder, and though not so extraordinarily productive as some claim, still a *good cropper for so early a sort*. It revels in moist land.

W. H. Young, Hybrid, Mo., writes: "From 1 peck of your Six Weeks potatoes I raised 17½ bushels of fine ones."

Robert B. Lalltoute, New York City, writes: "Planted April 6th, we dug in 64 days some of your Six Weeks Potatoes of the size of hens' eggs."

Ettore Tassanari, head gardener at the Danvers, Mass., Insane Asylum, writes: "To-day (June 29) we had the officers of the Essex County Agricultural Society at dinner with us, and on the table was a plate of Early Six Weeks potatoes, of good eating size, of this season's growth. The visitors were all loud in their praise."

"I think they are the earliest potato in cultivation to-day. When the vines were about six inches high I examined them, and found potatoes as large as partridge eggs, and in six weeks from planting were as large as hens' eggs. Will mature in 72 days. The yield was 380 bushels per acre."

J. E. SHANKS, Athens Co., Ohio.

"You have got the *best early* and the *earliest* potato in existence. We had the Early Six Weeks Market Potato large enough for the table in six weeks from planting. They out-yielded all other varieties."

AUGUST BROECKER (Gardener), Allegan Co., Mich.

"\$10 per bushel would not buy my Early Six Weeks Market Potatoes if I could not replace them for less. They are the earliest of all, and a heavy yielder. I predict they will be universally grown by market gardeners for early, and those gardeners who get them first will reap handsome profits."

JACOB E. STILSON, Onondaga Co., N. Y.

When we note the "original vegetable introductions" of our fellow seedsmen our memory comes to the front and prompts us to say—but then, our modesty forbids the utterance. Still, we have sent out quite a number that have been recognized and accepted as standards all over the world.

NEW QUEEN.

This has become exceedingly popular. It is very early, a capital cropper, yielding fine, large tubers, so handsome that half of them without culling would be good enough to exhibit at any agricultural fair. Under high cultivation there are almost no small ones. In quality it is most excellent, the flesh being a pure white and of that sparkling mealy texture that we all like so well in a potato when brought on the table. In shape and color it closely resembles its parent, the beauty of Hebron.

Matthew Donaldson, Sault Ste. Marie, Mich., writes: "From one peck of your New Queen potatoes I raised eleven bushels."—Writes Dr. J. K. Shirk of Lancaster Co., Pa.: "The potato is a beauty as it comes out of the earth; so many very large ones."—Writes Mr. C. G. Britton of Cheshire Co., N. H.: "They are of the finest quality, and very early."—Writes P. F. Putzen, Air Line Junc., Ohio: "From one barrel of New Queens planted we raised 125 bushels."—Writes L. E. Tuttle of Maine: "They gave me a wonderful crop of the smoothest, handsomest potatoes I ever raised." R. Bickerdike, Balsam Lake, Wis., writes: "Very early and of fine quality is your New Queen."

EARLY HARVEST.

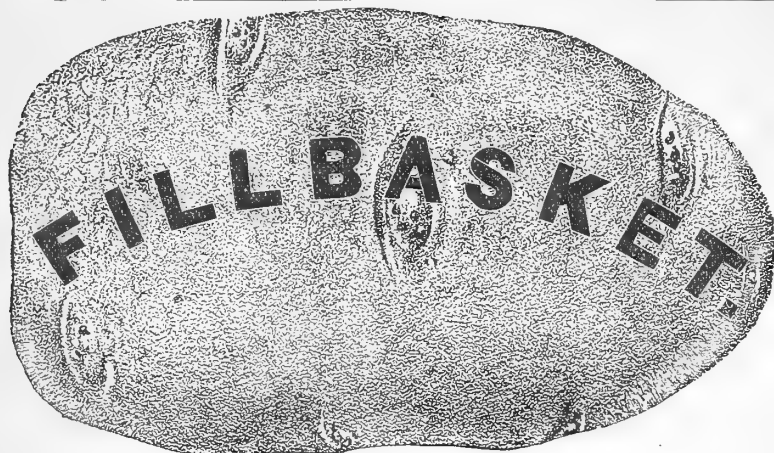
Says the originator, Mr. Jerrard: "I consider this one of the most promising new kinds I have ever introduced. It is wonderfully early—earlier than any other potato I have grown, which unprecedented feature, coupled with large yield, superb quality, and fine appearance, makes it a most valuable sort for first early marketing or for home use. The tubers average very large size, are nearly white, with eyes only slightly indented; shape oval, flattened, sometimes long oval; quality, best."

CLARK'S NO. 1.

Earlier than the Early Rose, and will yield a heavier crop. It bears a close resemblance to Early Rose in appearance. It cooks mealy, is of excellent flavor, and is every way a capital variety for either the farmer or market gardener. Four hundred and fifty bushels have been raised on an acre. Those who try the Clark are dropping the Early Rose. *Very popular with farmers.*


When ordering, to prevent any misunderstanding, please write "peck" in full and "pkg." for package.

POTATOES. — Continued.

**EARLY FORTUNE POTATO.** (New.)

My old friend, Mr. Andrew Lackey, a man of great enterprise in collecting and testing everything new in every department of agriculture, who first called my attention years ago to the great merits of such valuable products as the Black Mexican Corn and Ward's Nectar Melon, last spring wrote me about the Early Fortune Potato. He said that he had been testing it beside the Early Columbus, Early Polaris, Lee's Early Favorite, Early Vaughan, Early North Pole and Early Six Weeks, and found the Early Fortune was earlier and more productive than either of them. He added, "It has done splendidly with me for two seasons and if my health would allow me to supervise their cultivation, (he is now 82 years old) I would plant my whole stock. I find it to be a strong grower. Inform and color it resembles the Early Rose, but in quality it surpasses it. It is a very handsome potato." The introducer of the Early Fortune says "It is the earliest potato in the world, and I have tested everything. The quality, shape and color is of the best. It is going to lead everything." We raised this potato ourselves the past season on a large scale and find it to be a very early sort and a splendid cropper. They are of good quality and cook dry. Our customers can make no mistake in planting the Early Fortune. It will give best results therefore if cut to single eyes and these are planted 12 to 14 inches apart on land that has been liberally manured. The extra profit of the early market is what we are all after and it is these extra early varieties of potatoes that bring them. In our own experience we are not prepared to say that either the Early Roberts or the Early Fortune are earlier than Early Six Weeks, but we find that they yield much better and that the tubers are less liable to scab or rot. In shape and general appearance (color excepted), the Early Fortune so closely resembles the Early Roberts it will not be necessary to give a separate engraving of it.

PRICE LIST OF POTATOES. (Per Express or Freight at Purchaser's Expense for Charges.)

We would advise our customers at the South to order potatoes in the fall, as their is more or less danger of their being injured by frost if forwarded between Dec. 1 and March 20. While therefore, we will guarantee, in filling such orders, to use our best judgment, all potatoes ordered to be forwarded between those dates must be at the risk of the purchaser. 

IF ORDERED PER EXPRESS CUSTOMERS CAN DEDUCT 8 CENTS PER POUND FROM MAIL PRICES NAMED BELOW.

POTATOES.	Bbl. exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.	POTATOES.	Bbl. exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.
Enormous	\$5.00	2.50	.75	.75	.30	Clark's No. 1	4.00	2.00	.60	.60	.25
Early Roberts	4.50	2.25	.70	.60	.25	Queen	4.00	2.00	.60	.60	.25
Early Fortune	4.50	2.25	.70	.60	.25	Delaware	4.00	2.00	.60	.60	.25
Great Divide	4.00	2.00	.60	.60	.25	Fillbasket	4.00	2.00	.60	.60	.25
Carman No. 3	4.50	2.25	.70	.60	.25	Beauty of Hebron	3.75	1.88	.55	.55	.20
Carman No. 1	4.00	2.00	.60	.60	.25	Early Rose	3.75	1.88	.55	.55	.20
Six Weeks	4.25	2.12	.70	.60	.25	Prolific Rose	4.00	2.00	.60	.60	.25
Early Ohio	4.00	2.00	.60	.60	.25	Early Harvest	4.00	2.00	.60	.60	.25
Early Norther	4.00	2.00	.60	.60	.25						

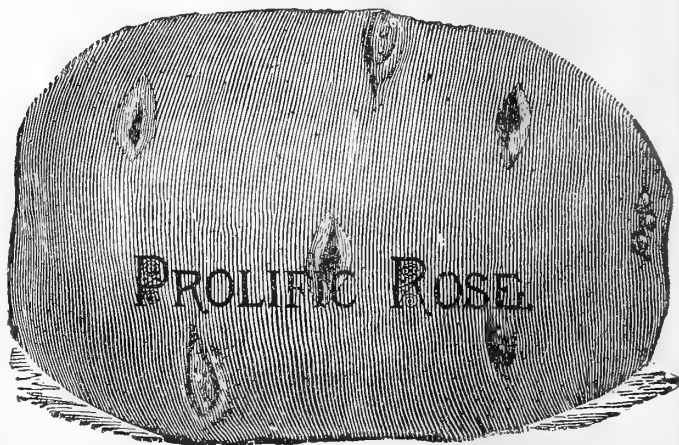
Potato Seeds saved from the seed-balls of a nice white potato, price, per package, 25 cents.

FILLBASKET.

This new potato takes the front rank in productiveness, vigor of growth, and eating qualities, yielding the lead to other varieties in earliness only. Yet it is earlier than its appearance would indicate, the tubers being of excellent quality — dry, fine-grained, and mealy — while the tops are still rank and green. Oblong in form, somewhat flattened, white-skinned, usually fair and smooth, it is admirably adapted for an "all-round" main-crop potato, either for home use or market.

GREAT DIVIDE.

Stalk very stout and healthy looking; tubers average extra large with very few below market size. They have a very white skin, eyes in the surface. They are floury when cooked and are good flavored. I have found it to be a splendid cropper, well worthy of the high rank given it by our Agricultural College. A recent introduction.

**PROLIFIC ROSE.**

Here is a new seedling potato we want every one of our customers to plant. It is not a selection from the Early Rose, as the unfortunate name would indicate, but a new seedling, which decidedly surpasses as a cropper. The vines are stockier than its parent, and the tubers slightly redder on the seed end. It is apparently the best cropper of all the Rose seedlings. Those who plant it will not only be pleased with their fine crop, but with the large size and good shape of the potatoes.

L. W. Knowles, No. Hampton, N. H., writes: "Your seeds have always given me perfect satisfaction."

SOME PUMPKINS.

C. Keifner, Fulton, N. Y., writes: "We find your seeds true to name and perfect."

SUGAR.



This is the pumpkin for the traditional Yankee pumpkin pie. All others (the Gibson excepted) are coarse and barbarous when compared with this; and to bring them, when prepared in any way, to the table is to rob the stock and wrong the family. Not so with this gem of the pumpkin tribe; while if fed to the cows it increases and greatly enriches the quality of the milk, imparting to it a rich yellow; it is also excellent as a good table delicacy, either simply boiled or when entering into the

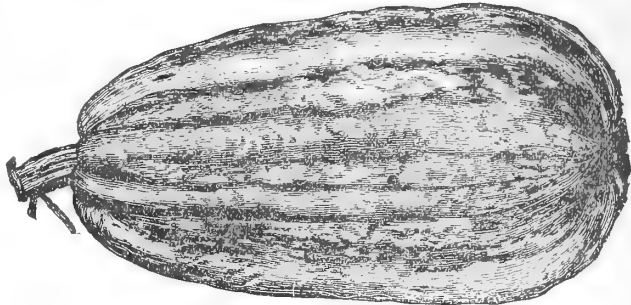
composition of the traditional pumpkin pie. It is about as fine-grained as the average squash, grows to average five pounds, and yields enormously, the ground covered with the golden fruit being a sight not soon forgotten when once seen. There is quite a call for the Sugar Pumpkin in our city markets, where they bring from half to two-thirds as much as the best of squashes. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

MICHIGAN MAMMOTH.

This crops abundantly for so large a variety, and grows as large round as a barrel, weighing, with us, from twenty to forty-five pounds. We have raised as high as twelve tons to the acre. We sometimes plant it among early dwarf peas, by omitting every fourth row, having the hills ten or twelve feet apart. In this way we get two crops from our land, being careful to manure liberally. It is a soft-shelled variety, and, therefore, excellent for feeding to stock. To get the largest size leave but one vine to each hill. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

Edward Andrews, Brazil, Ind., writes: "For several years I have found your seeds perfectly satisfactory."

GIBSON'S MAMMOTH.



This valuable new pumpkin did not receive half the praise it deserved in our last catalogue for its superior quality. As a rule in squashes and pumpkins, size and quality don't go together. As they increase in size they grow poorer in quality; but the Gibson is a remarkable exception to this rule, for it combines fineness and superior quality with its mammoth proportions. Mr. F. Courtis, our neighbor, who is famous as a squash raiser, tells us that it makes just as good pies as a marrow squash. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

MAMMOTH RED ETAMPES.

This mammoth, which has been raised to weigh over one hundred and fifty pounds, has a brilliant, showy, red skin. The flesh is very thick, and in quality is about equal to any of the Mammoth class of pumpkins, whose real value is for stock feed. The purest stock to be obtained is not perfectly pure. Price, per pound, postpaid, \$1.00; per ounce, 10 cents; per package, 5 cents.

True economy consists as much in wisely spending a dollar as it does in carefully saving it.

PEPPERS.

James Darst, Cheshire, Ohio, writes: "Your Cardinal Peppers are fine."

RUBY KING.



PEPPER RUBY KING.

These peppers ordinarily grow four and a half to six inches long by three and a half to four inches broad. When ripe they are of a beautiful bright ruby-red color, and are always remarkably mild and pleasant to the taste. They can be eaten sliced like cucumbers. Very handsome and very productive. They need to be started in a hot-bed. Price, per oz., 25 cents; per pkg., 5 cents.

NEW CARDINAL.

This new pepper grows to a length of about six inches, very thick and sweet-fleshed and is one of the most beautiful and brilliant vegetables grown. It would be worthy of cultivation for its beauty alone, there being no flower which can be grown in the North which surpasses it in depth, purity and brilliancy of color, appearing as though varnished in a bright cardinal. It will also be found a most useful variety, as it can be used for all purposes to which peppers are put. Price, per ounce, 25 cents; per package, 5 cents.

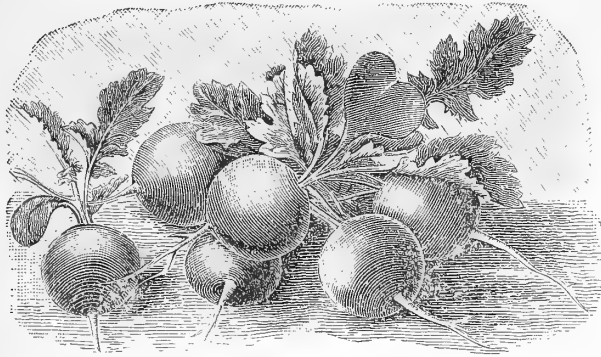


George Gunson Wade, Auckland, New Zealand, writes: "My last year's seeds from you were exceedingly satisfactory."

RADISHES.

L. W. Miller, Morgona, Fla., writes: "Planting your seeds for 18 years I have always found them true."

NE PLUS ULTRA. (Deep Scarlet Strain.)



This is pronounced to be the *earliest of all radishes for forcing*, being fit for the table in three weeks. Flesh tender and delicate; produces but few small leaves. Price, per pound, postpaid, 90 cts; per $\frac{1}{4}$ lb., 28c.; per oz., 15c.; per package, 5c.

GIANT WHITE STUTTGART.

This new variety of radish is very early and quick of growth. Flesh and skin pure white. It will stand the severe heat of the South, and grows to an immense size. Price, per pound, postpaid, 55 cents; per ounce, 10 cents; per package, 5 cents.

E. D. Shaw, Hollywood, Md., writes: "There is nothing in the squash line better than your Faxon."

SQUASHES.

J. H. Elliott, Greenville, N. H., writes: "Your seeds with me have always been reliable."

NOVELTY THE VICTOR SQUASH. OF 1897.

This new squash is of a rich orange-yellow color generally, with a thick shell and thickly covered with warts. The flesh is thick meated and the quality is excellent during its season, which is from September till December. As far as it has been tested, its quality is spoken very highly of. Its hard, flinty shell makes it a capital shipping squash. It is an excellent cropper and the squashes are of the size of the Essex Hybrid. The squashes are very heavy, handling like solid blocks of oak. Per pound, postpaid, \$1 25; per $\frac{1}{4}$ pound, 38 cents; per ounce, 15 cents; per package, 10 cents.

ESSEX HYBRID.

This is a cross between the Turban and the Hubbard, having the shape of the former and the shell of the latter. It is a very handsome-looking squash, and the flesh is of rather darker average color than that of either the Hubbard or Turban. It comes generally uniform in shape, and is a heavy cropper. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

MAMMOTH CHILI.

The Mammoth squashes, though of but little value for table use, on rich land, in those sections where roots are but little cultivated, are very profitable as food for cattle. If you wish to grow a "big" squash to exhibit at your annual fair try this. Price, per ounce, 12 cents; per package, 5 cents.

F. W. Arnold, Hammond, Minn., writes: "I have raised Mammoth Chili squashes from your seeds weighing one-hundred and fifty-six and one hundred and twenty-six pounds."

EARLIEST WHITE—A New Forcing Radish.



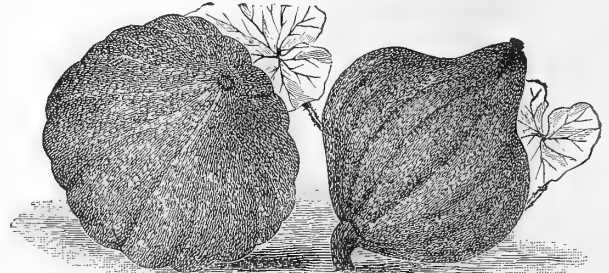
We have heretofore claimed the "Ne Plus Ultra" as the earliest radish in cultivation, but we found in our experimental grounds the past season that the "Earliest White" was equally early. It is an elegant little radish,

ready for the table within three weeks from planting. Olive shaped, white in color, with the mildness of flavor which characterizes this class, crisp and tender. Per pound, postpaid \$1.25; per $\frac{1}{4}$ pound, 38 cts.; per ounce, 20 cts.; per pkg., 10 cts.

BECKERT'S CHARTIER.

This radish has rapidly grown into high favor for spring and summer use. It is very handsome, about one-third of its length being of a rose color. We find them in our experimental grounds to be as early as Covent Garden, and having the general characteristics of a good early radish. It remains in condition for eating longer than most sorts. It is very popular among market gardeners. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package 5 cents.

THE FAXON SQUASH.



COPYRIGHT, 1893, BY M.B. FAXON CO.

Well, our friends, what do you think of the quality of the new Faxon squash or squashes we might say, for it is a curious admixture of all sizes, shapes and colors? We risk but little in saying that you are as enthusiastic over its superb quality as are we ourselves; for where among squashes can you find anything finer grained, drier or sweeter than the average of these? The strong and fixed characteristics of this squash are earliness, long keeping, shape, variety of colors, and the excelling in richness, sweetness and flavor. It is very productive, rather below the average size (five or six pounds), and is, no doubt, destined to become a standard among squashes, both for home use and for general marketing when once introduced. Even when not fully ripe it is of excellent quality as a summer squash. It is a good keeper, and has the exceptional recommendation of being a table delicacy during *three seasons*,—summer, fall and winter. Mr. Joseph Stone, a squash expert, states that for sweetness and dryness the Faxon squash cannot be excelled if equalled, and says, "I know what I am talking about." We think he does. Price, per pound, postpaid, 80 cts.; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

LOW'S BAY STATE.

This variety, with heavy manuring, is a very good yielder, though in size it averages a little below the Essex Hybrid. Popular in Boston market. The color is dark green; it has a thick shell, and is thick meated. Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

SQUASHES—Continued.

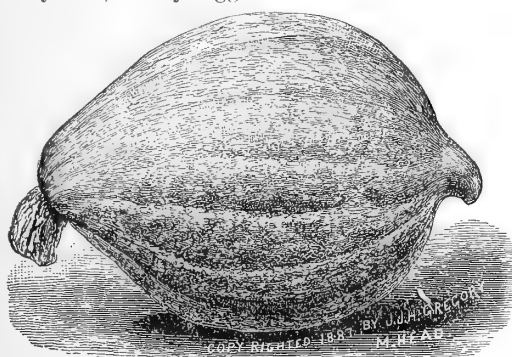
COCOANUT.



A fine little squash for family use; very prolific, yielding from six to a dozen to the vine. The flesh is fine-grained, sweet and very solid, and the quality excellent. *The Cocoanut will give you a crop when all the standard sorts fail.* Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

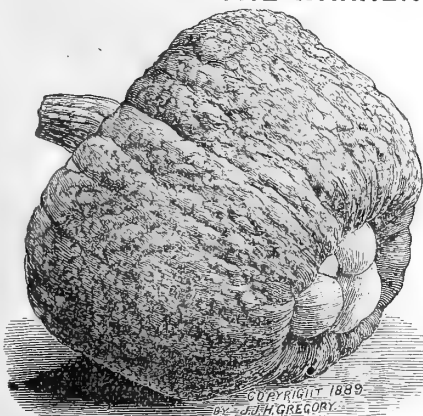
THE WHITE CHESTNUT.

We have named this the "White Chestnut,"—white, because the color is nearer to white than any other of the hard-shell squashes; chestnut, because the color of the flesh, and also the quality of it, is very suggestive of a chestnut. The White



Chestnut is a hard-shelled squash and it is just about such a cropper as was the original Hubbard. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

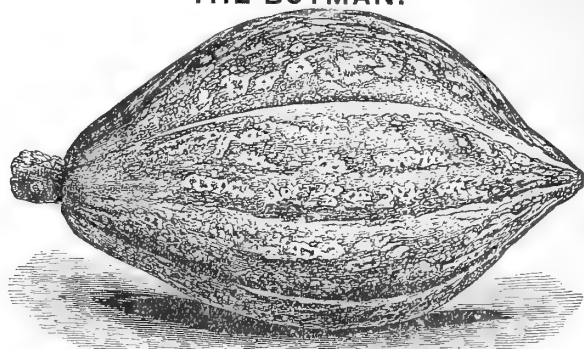
THE WARREN.



A few years ago a vine appeared in a field of Essex Hybrid squashes raised by a neighbor, bearing three squashes, which were distinct from the rest, in that they had rough, warty, and thicker shells, and were of a rich color. The seeds from the three squashes were planted by themselves, with the object of permanently fixing the new type. Not

only is the shell generally harder and thicker than the Essex Hybrid, but the color is richer and deeper, and the quality decidedly better. The Warren is now grown very extensively by marketmen. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

THE BUTMAN.



This squash was made by crossing the Yokohama with the Hubbard. Externally it is of a bright grass-green color, intermixed with white. In size and productiveness it resembles the Hubbard; it has a thick shell, and is thickmeated. The flesh is of a lemon color. It is exceptionally fine-grained, and remarkably dry, sweet, and delicious, with a flavor different from the Hubbard, Marblehead or Turban. It is a little later than the Hubbard and does not crop so well. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

MAMMOTH WHITE BUSH SCALLOP SQUASH.

This valuable novelty is about twice the size of the ordinary White Bush Scallop, is very much whiter and handsomer and is much better in every respect. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

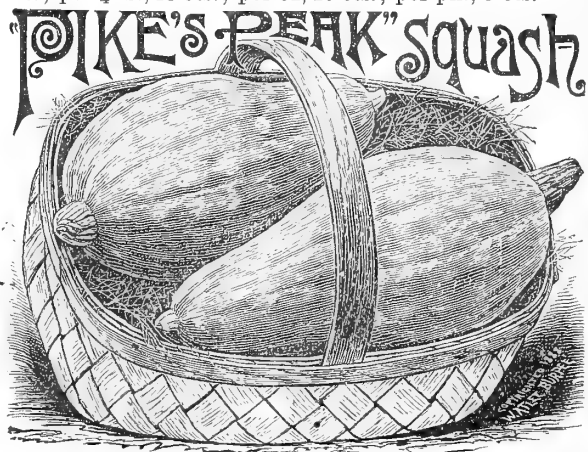
MARBLEHEAD.

The flesh of this is of rather a lighter color than the Hubbard, while its combination (in good specimens) of sweetness, dryness and delicious flavor is something really remarkable. Its outer color is a light blue. Price, per pound, postpaid, 70 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

SIBLEY, OR PIKE'S PEAK.

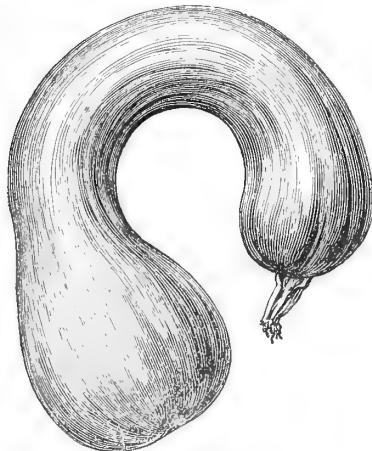
Form, as in the engraving; color, pale green; skin, when ripe, thick; flesh, thick and of a rich orange; average weight, six pounds. This is a better cropper than the Hubbard in the number of squashes, but not equal to it in weight of the crop. A little later than the Hubbard. Quality magnificent, dry, fine-grained, sweet and of a most delicious flavor. Good for late fall and winter use.

By all means plant at least a few hills of this new squash. Feed it well; get it in early. Plant plenty of seed, as they are more difficult to vegetate than those of any other squash, and you will have a surprise in store. Price, per pound, postpaid, 60 cts.; per $\frac{1}{4}$ lb., 18 cts.; per oz., 10 cts.; per pk., 5 cts.



SQUASHES — Continued.**WARTED HUBBARD SQUASH.**

This form of the Hubbard is a great favorite with many marketmen, as it is very striking in appearance and having been selected for years from exceptionally large specimens it crops heavily. The warty knobs draw general attention, and it will generally sell in the market better than those having smooth shells. We do not think it is of better quality than the smooth-shelled sort, and the greater hardness of the shell is more apparent than real. The large size to which it has been developed has been accomplished, we think, with some sacrifice in purity, for we find that in the course of years it is necessary to cross the warty variety on the smooth Hubbard to retain the shell. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

WINTER CROOKNECK SQUASH.

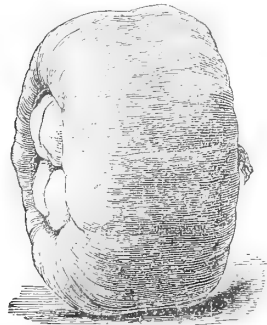
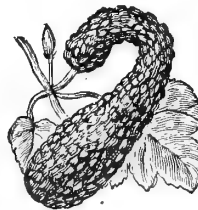
Of all vegetables to preserve from season to season, please commend us (as we kindly commend you) to the Winter Crookneck Squash. It is a sure grower, with a quality of its own, not fine, but with a flavor of old time, and a first-rate keeper. It is perfectly at home in the homestead, for, we have kept them well for two years, and so we invite our customers to join with us in reviving a custom which is truly honored in the observance, that of growing some Winter Crooknecks and hanging them up in

the kitchen as did our fathers of old. Price, per pound, postpaid, 75 cts.; $\frac{1}{4}$ pound, 23 cts.; ounce, 10 cts.; package, 5 cts.

THE AMERICAN TURBAN.

This squash is as good for fall as the Hubbard is for winter; in proof of which please see extracts in former catalogues from letters received.

Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

**THE STRICKLER SUMMER.**

This new variety of Summer Crookneck we find grows twice as large as the common sort, averaging from 5 to 6 pounds in weight. The two engravings show



the comparative size of the Strickler and the common Summer Crookneck. We noted in our crop a sporting back toward the common variety, which shows that the type is not yet quite fully fixed; but the sports were so few they were of minor consequence. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

DUNLAP'S EARLY PROLIFIC MARROW.

The standard early of the running varieties. No variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow, and for this reason can be planted a week later than any other kind. It grows to weigh from seven to twenty pounds and is very productive. Its color is most attractive, a brilliant orange-red. Quality excellent when mature. A good keeper. Mr. E. L. Coy, who grows hundreds of acres of squash, pronounces it "the earliest and finest fall variety." Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

Vegetable seeds enough for a family garden for \$1.00. See page 51.

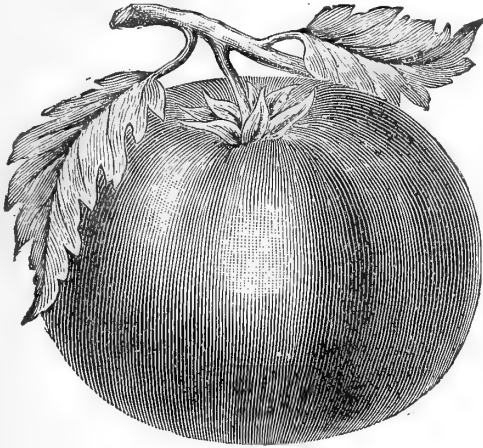
Pick the Honor Bright when yellow and it will ripen into a splendid red.

TOMATOES.

C. S. Bond, Geneva, N. Y., writes: "The Maule's Imperial Tomato is a splendid main crop variety."

LIVINGSTON'S BEAUTY.

This, claims Mr. Livingston, is as early as the Acme or Perfection, of a very glowing crimson in color, with a slight tinge



of purple. In shape it is perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds. Price, per ounce, 20 cents; per package, 5 cents.

DWARF CHAMPION.

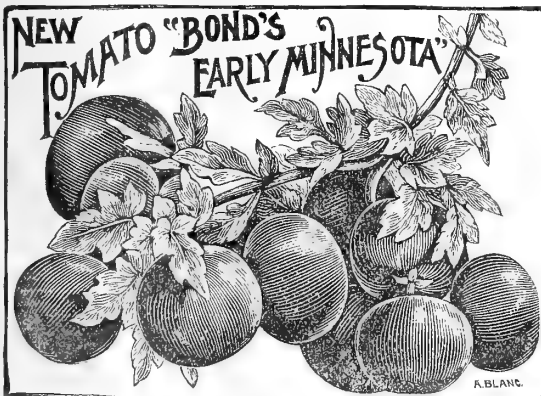
This variety grows stiff and upright, with very thick and short-jointed stems. It can be planted as close as three feet. The foliage is a very dark green in color, thick and corrugated. To crop heavily, it should be liberally manured. It has become very popular. Per ounce, 20 cents; per package, 5 cents.

THE NEW STONE.

The New Stone Tomato is excellent for main crop; it is very large, and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon-shaped; ripens evenly to the stem without a crack; exceedingly solid and firm-fleshed, as its name indicates.

Not Subject to Rot. — Prof. J. L. Budd, of Iowa State Agricultural College, says: "It was large enough, smooth, firm-fleshed, and, above all, not subject to rot. I did not see a rotten specimen, although a bad year for rot."

Price, per ounce, 20 cents; per package, 5 cents.

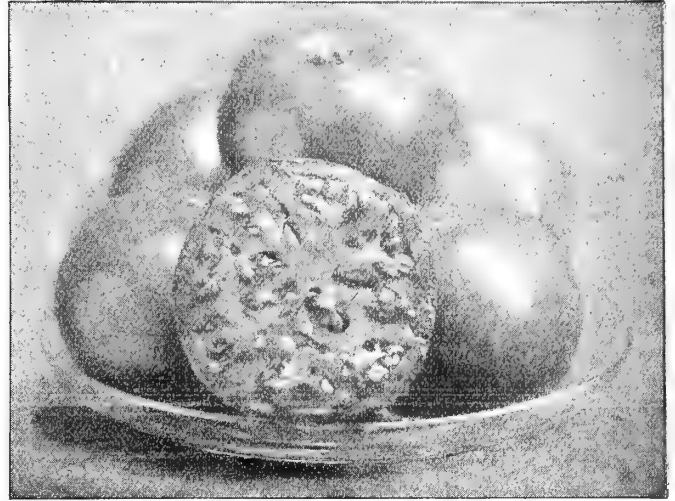


BOND'S EARLY MINNESOTA.

On our grounds this is not as early as "Earliest of All," or Canada Victor. The fact that this is always round and smooth is a recommendation for it. It is of a dark red color, round as a ball, firm of flesh, and very productive; size medium. Our customers will find it a choice variety to open the market with before the larger sorts have ripened. Price, per ounce, 25 cents; per package, 5 cents.

MAULE'S NEW IMPERIAL.

We can say for this tomato that though *not* remarkable for the extreme earliness claimed for it, yet for size, color, form



and other qualities that go to make up a first-class all-round tomato, it is a variety of exceptionally high merit. Per ounce, 20 cents; per package, 10 cents.

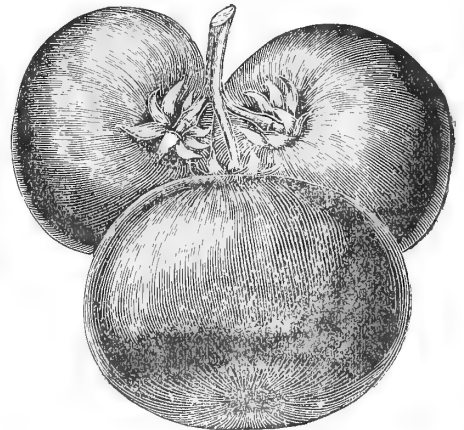
FORDHOOK TOMATO.

A fine variety of the round type Livingston has made so familiar to us. It grows larger than several of the round kinds, and is a remarkably heavy cropper, and the fruit is very even sized. It has a rich purple-red color, very attractive. Early, but not on our grounds equal in this respect to Earliest of All and some other varieties. On the whole, an excellent all-round tomato for either family use or the market. Price, per ounce, 20 cents; per package, 5 cents.

"HONOR BRIGHT" TOMATO.

(Novelty of 1897.)

One of its most striking characteristics of this new tomato is the singular change of color the fruit undergoes during its development. It is first of a light green color, then turns to a striking waxy white, next lemon and finally to a rich bright red! Another characteristic is its long keeping quality which makes it especially valuable for shipping long distances. Mr. Livingston states: "If picked in the early stage of ripening it can be shipped in barrels like apples, and will keep from one to four weeks if stored in a cool place." Another characteristic is its peculiar greenish-yellow foliage. Mr. L. states that it is almost proof against cracking of the skin after heavy rains. The fruit is of good size, very solid, the vines vigorous and very productive, and the tomatoes of excellent quality. Per ounce, 50 cents; per package, 10 cents.



TOMATOES—Continued.**THE "COMRADE." (New.)**

We have raised the "Comrade" on a large scale, and are exceedingly well pleased with it. It ripens among the earliest and is exceedingly productive. The fruits are models in shape and size, round, solid and brilliant colored. All in all, we don't know of a better sort. Per oz., 20 cts.; per pkg., 5 cts.

J. G. Pike, Cabot, Vt., writes: "The seeds purchased of you have always been satisfactory."

TURNIPS.

W. Newton Long, Sutton, W. Va., writes: "I was highly pleased with the results from your seeds."

WHITE EGG.

Six hundred bushels of this fine turnip have been raised to the acre as a second crop, bringing the market gardener who raised them two hundred dollars.

It is perfectly smooth, of a pure, clear white, growing half out of ground, and at times to the size of a Ruta-baga, being a very choice kind for table use, of excellent flavor, sweet and mild. It pulls clean from the ground, and with its thin, snow-white skin, looks almost as attractive as would a basket of huge eggs. It is a first-rate keeper for winter use. Our stock is from headquarters. Comes to size for use just after Early Red Top. Price, per lb., postpaid, 50 cents; per ¼ lb., 18 cents; per oz., 10 cents; per package, 5 cents.

BUDLONG.

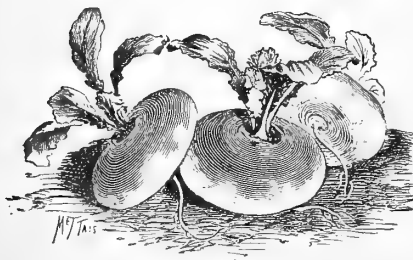
An American Ruta-baga, earlier and rounder than any other of the Sweet German, Improved white French, Rock or Russian turnips, all of which names are given, in different localities, to the white Ruta-baga, or various strains of it. Mr. Budlong, probably the most extensive raiser of Ruta-bagas in New England, has, by years of careful selection, produced this excellent strain. Price, per pound, postpaid, 75 cents; per ¼ pound 23 cents; per ounce, 10 cents; per package, 5 cents.

SCARLET KASHMYR.

The beautiful pinkish red color of this new turnip makes it very striking. It is unique among turnips, bearing some resemblance to a large radish. It produces large, smooth, white-fleshed roots of excellent keeping qualities. Among the earliest. Price, per ounce, 10 cents; per package, 5 cents.

IMPROVED PURPLE TOP SWEDE.

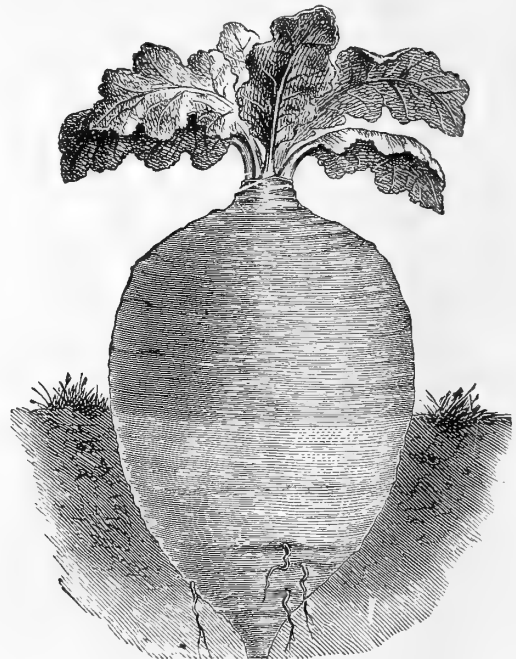
A very early, free growing variety, with short neck and small top; flesh, deep yellow. "The handsomest Purple Top Swede in cultivation," says the English firm who introduces it. Price, per pound, postpaid, 50 cents; per ¼ pound, 18 cents; per ounce 10 cents; per package, 5 cents.

PURPLE TOP MILAN.

This variety of turnip is sent out by the same reliable firm that sent out the Munich. It is earlier than the Munich. It is of the strap-leaved class, flat in shape, and of excellent quality. Price, per lb., postpaid, 80c.; per ¼ lb., 23 c.; per oz., 12 cts.; per package, 5 cents.

NEW BUCKEYE STATE.

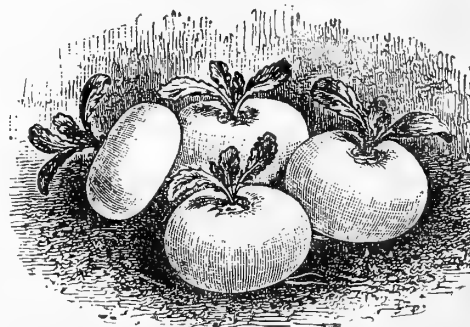
Mr. Livingston says of the Buckeye: "In addition to its extra large size, it is also smooth and uniform, and, though so large, is the heaviest cropper we have ever grown. It yields immense clusters of from four to ten purple, luscious, solid fruits." Price, per ounce, 20 cents; per package, 5 cents.

**CARTER'S ELEPHANT SWEDE.**

Our English brothers leave us decidedly in the shade in the raising of turnips, especially of the Swede class, and if any improvement is made in varieties, it is usually by them. The Messrs. Carter, a standard authority in varieties, present to the public a new turnip which they have named Elephant Swede. It has been tested in England, Scotland, and Ireland, and side by side with the standard varieties, including, of course, Skirving's. It has proved to be superior to all of them in some instances giving as much as ten tons more per acre. Price, per pound, postpaid, 50 cents; per ¼ pound 18 cents; per ounce, 10 cents; per package, 5 cents.

WHITE MILAN TURNIP.

(Novelty of 1897.)



For early use the white top turnips are better than the purple. In our experimental grounds this white variety matured earlier than the Purple Milan, which makes it the earliest of all turnips. Top and tap root small. Certainly

the king of the extra early turnips. Per pound, postpaid, 90c.; per ¼ pound, 28 cents; per ounce, 15 cents; per package 5 cts.

GRAINS, GRASSES AND FORAGE PLANTS.

RACE HORSE OATS.

In comparison with nineteen varieties made several years ago this foreign oat proved itself to be a fortnight earlier than the common sorts. It is a very heavy cropper the grains being nearly as plump as well filled barley.

Per bushel of thirty-two pounds, per express or freight at purchaser's expense, \$1.25; per peck, 45 cents; per pound, per mail, 20 cents; per package, 10 cents.

PRINGLE PROGRESS OATS.

In this we have a combination of good qualities which have given very general satisfaction, — a short, stiff straw, and a long, full head or panicle. The vigor that in most varieties goes to form straw here goes to make grain. Being so much shorter, it does not lodge. In one trial of about twenty varieties the Progress matured the first of all. We believe if the farmer prefers grain to straw, the Progress will suit every time. Per bushel, \$1.25; per peck, 45 cents; per pound, postpaid, 20 cents; per package, 10 cents.

GRAY WINTER OR TURF OATS.

If sown early in August or early in September, so as to get a good start before winter sets in, and with reasonable snow protection these will stand in our climate and yield a profitable crop.

Fall Seeding. — They should be sown broadcast, at the rate of about 1½ bushels per acre, in August or early September; or further south can be sown as late as the 20th of October. They make a good growth before winter sets in and furnish excellent grazing during the late fall and early spring and during open spells in the winter, without injury to the grain crop afterwards. The yield of grain is very large: yields of from fifty to seventy bushels per acre can reasonably be expected. The grain is a dark gray color, with distinct stripe; it is heavier than the ordinary oats, weighing from thirty-five to forty pounds to the measured bushel.

Spring Seeding. — In the South they are considered a much surer crop for spring seeding, than the Spring Oat; and this fact has caused the Spring Oat to go almost altogether out of use with farmers there.

Price, per bushel, per express or freight, \$1.50; per peck, 60 c.; per 3 lbs., postpaid, 50 c.; 1 lb., postpaid, 20 c.; pkg., 10 c.

MANSHURY BARLEY.

A six-rowed barley with very long heads, well filled and heavy; straw bright and strong. In our experimental grounds the Manshury proved to be the earliest of the five leading varieties which were tested there. The Baxter is the only variety, we have found to be earlier. Price, per express or freight at purchaser's expense, per bushel \$1.75; per peck, 60 cents; per pound, postpaid, 20 cents; per package, 10 cents.

BAXTER'S SIX-ROWED BARLEY.

The grain is very plump, round, solid and heavy, and differs from all other six-rowed in having a much smaller proportion of hull. It ripens a week or ten days earlier than the Manshury. The straw stands up well. Prof. Saunders, director of the Central Experimental Farm, at Ottawa, Canada, states that "in a test made with thirteen of the best six-rowed varieties, it was found to produce the heaviest grain." Per bushel of 48 pounds, per express or freight, \$1.75; per peck, 60 cents; 3 pounds, postpaid, 50 cents; 1 lb., 20 cents; per package, 10c.

CRIMSON OR SCARLET CLOVER.

This does best planted in August or September. It is certainly hardy as far north as New Jersey. On our Massachusetts seed farms it wintered well but did not prove itself equal in yield to red clover. It may be sowed among corn and various other crops at their last hoeing, and be turned under by middle of May. Probably the best of all crops for soiling. Sow 10 to 15 pounds of seed per acre. It is an annual, and therefore when ripe for hay or seed does not start again. Price, 3 pounds, postpaid, 50 cents; 1 pound, 20 cents. Prices per bushel upon application.

ALFALFA OR LUCERNE.

In this the success turns on using American-grown seed, and planting it in deep, porous soil, and keeping clean of weeds the first season. A top-dressing, with fine manure, would help it through the first winter. Price, per pound, postpaid, 25 cents; per package, 10 cents.

SASKATCHEWAN SPRING WHEAT.

Says Charles A. Pillsbury, of Minneapolis, Minn., (whose mill has a capacity of seventy-five hundred barrels per day); "No such milling wheat has been received at our mill since we have been in the milling business." Per bushel of 60 pounds, per express or freight at purchaser's expense, \$2.00; per peck, 60 cents; 3 pounds, per mail, fifty cents; 1 pound, 20 cents; per package, 10 cents.

JAPANESE BUCKWHEAT.

The kernels of this buckwheat are larger than the common kind; the straw is stouter and heavier. It branches more, and it does not need to be sown as thickly; the flour made from it is equal to that from any other buckwheat; it is a very heavy cropper, and less apt to blight than other varieties.

Price, per bushel, \$1.25; per peck, per express, 45 cents; per pound, by mail, 20 cents; per package, 10 cents.

GOLDEN WONDER MILLET.

This is probably the earliest of all the large millets; it attains a height of 3 1-2 to 4 feet; bearing large, drooping heads; an excellent variety for either fodder or seed. The seed make excellent food for poultry, and they will ripen in high latitudes where corn will not mature. The large, juicy leaves and stalks make excellent green feed for milch cows and other stock. Price per peck of 12 1-2 pounds, per express, \$1.25; per pound, postpaid, 20 cents; per package, 10 cents.

KAFFIR CORN.

This forage crop is allied to Milo Maize or Branching Sorghum, but is earlier than either of them. The stalks keep green and are brittle and juicy, making fodder green or dry, which is relished by cattle, horses and mules. Its seed heads, eight or ten inches long, are eagerly eaten by horses, hogs and fowls. *It cannot be relied upon to mature its seed in the latitudes of New England.* Price per peck of fifteen pounds, by express or freight at purchaser's expense, \$1.25; per pound, postpaid, 20 cents; per package, 10 cents.

YELLOW DOURA.

This is earlier than the Branching Doura (or Milo Maize), and is not so delicate in starting. The grain which is abundant, is readily eaten by cows, horses, hogs and mules. Like the Branching Doura, it yields an immense mass of green forage, and will bear two or three cuttings. It grows from nine to twelve feet high, bearing the grain on the large tops. Price per pound, postpaid, 20 cents; per package, 10 cents.

MILO MAIZE.

Yields from six to sixteen stalks from one seed; much sweeter than cornstalks. It stands wind and drought that would ruin corn. It will sprout again after cutting. Grows from six to ten feet high. Four pounds of seed plant an acre. Price, per peck of 15 pounds, express or freight at purchaser's expense, \$1.25; per pound, postpaid, 20 cents; per package, 10 cents.

PRICKLEY COMFREY.

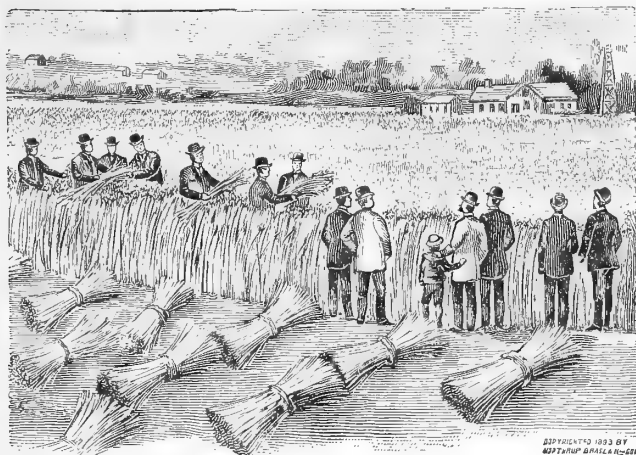
In spite of some hasty criticism, careful experiments, continued through several years, have proved this to be very valuable as a fodder plant for cows, horses, sheep and other animals. Propagated by pieces of the root. Plant in rich waste spots and it will drive out weeds and grasses and give valuable fodder. Don't cut till second year. It is perennial, withstands droughts, and is perfectly hardy. When feeding sprinkle the leaves with meal. Price, per dozen, postpaid, 30 cents; per 100, per express, \$1.00; per 1000, per express, \$7.00.

CANADA FIELD PEAS AND OATS FOR FODDER.

These at the rate per acre of one bushel of peas to one and one-half bushels of oats make grand summer and autumn fodder for cows and sheep. The peas should be lightly ploughed in when sown, and the oats broadcasted and brushed in immediately afterward. Price of the peas, per bushel, \$1.75 per express. See prices of Race-Horse and Pringle's Oats on this page.

GRAINS, GRASSES AND FORAGE PLANTS — *Continued.*

THE LINCOLN OAT.



A Western firm who have had a large experience in oat raising pronounce the Lincoln Oat "the best oat now before the American people. First, because of its great productiveness, four farmers having raised from 120 to 174 bushels from a single bushel of seed. Second, because it is very early. Third, because it appears nearly rust-proof. Fourth, because it stands up better than most kinds. Fifth, because its thin hull, soft nib, and heavy meat make it an excellent feeding oat. Sixth, it makes an excellent oatmeal." We have before us recommendations from twenty-one farmers located in fourteen states, each of which substantiates one or all of the above claims. John S. Hyatt, Hoosac, N. Y., writes us: "From one acre of land planted to your Lincoln Oats I raised 78 bushels of fine oats and a very heavy crop of straw." Price, per bushel, per express or freight, \$1.40; per peck, 55 cents; 3 pounds, per mail, 50 cents; 1 pound, 20 cents; package, 10 cents.

THE BEST CORN FOR THE SILO.

Of all the large Southern varieties suitable for the silo, that have been thoroughly tested, we prefer the Leaming. It is very tall and leafy, and the very large ears *will mature in Central New England*. Of the Northern varieties of field corn, we find that Blunt's makes the most fodder; it not only grows a tall stalk, but it has more leaves than other varieties, they growing nearer together on the stalk. Of the sweet varieties, the Marblehead Mammoth and Stowell's we consider the best. The Mexican June variety, just introduced, grows sixteen feet high, the first ear in our experimental grounds starting 10 feet from the ground. It grows leaves most abundantly and cannot, we think, be surpassed as a silo corn where stalks and leaves are most desired. When ears count for much, then give us the Leaming before all others. Price, per bushel, of Leaming, \$1.50; Marblehead Mammoth, \$2.50; Stowell's \$2.25.

☞ If your orders are likely to be large send your list for quotations. We will endeavor to satisfy you. ☞

HONEST SAGE AND MUSTARD.

My wife for years has not been able to find in the market the good old-fashioned sage, with its good green color and strong sage flavor. What she finds is a dirty-colored article, with scarcely any strength to it, and when for this reason an increased quantity is used, it gives a bitter taste to the dressing. We have recently found a young man who is putting up sage in the good old-fashioned way, using the leaves without the coarse stems, and drying and grinding these by a more laborious process; but by it he is enabled to retain the good green color, and what is more important, *the strong sage flavor*. He is also putting up ground mustard in the same honest way, giving a thoroughly pure article of full strength, whereas that in the market is generally adulterated with Indian meal or horse-radish, with some coloring substance added. He puts up his mustard and sage in tin boxes. The mustard weighs four ounces without the box. We can send these to such of our customers as want a *pure* article, at 12 cents a box for the sage, and 18 cents for the mustard, postpaid by us; or for 10 and 14 cents respectively, when either by express or freight, and 2 cents less per box of each, either way, where a dozen of each is taken. The same trustworthy young man also puts up sage in the leaf for those who so prefer it. Price, per large package, 12 cents, postpaid.

SOJA OR SOYA BEAN.

We have grown many varieties of Soja imported directly from Japan and from them have selected four to catalogue.

American Coffee Berry.—The Japanese bean, under this name, is being sold in the West at fabulous prices. It does not even belong to the coffee family of plants, still it is a fact, as we find by actual test, that when roasted and coarsely ground it tastes so nearly like Brazilian coffee the difference is scarcely perceptible. *It certainly is the best of all substitutes for coffee yet found*, and as there is nothing injurious about it, it being the most nutritious of all vegetable products, and as it can be raised almost anywhere where corn will mature and yield from twenty to thirty bushels per acre, we believe that the time is not far distant when it will be quite generally raised as a substitute for the cheaper varieties of coffee. Cows are very fond of the ground beans, and the meal mixed with corn meal makes valuable food for poultry. Price, per peck, per express, \$1.25; per quart, 30 cents; per quart, postpaid, 45 cents; per package, 10 cents.

Extra Early Dwarf.—This will mature wherever bush beans will. It grows two feet high and bears a chocolate-colored bean. Price, per peck, per express, \$1.50; per quart, per express, 30 cents; per quart, postpaid, 45 cents; per package, 10 cents.

Medium Early.—This will mature as far north as central New England, grows three feet in height, is an abundant cropper, bearing round, black beans. Price, per peck, per express, \$1.25; per quart, per express, 30 cents; per quart, postpaid, 45 cents; per package, 10 cents.

Late or Ensilage.—This variety cannot be relied on to ripen north of southern New England, but for ensilage purposes they can be successfully raised in middle New England. Plants four feet high; beans varying in color. Price, per bushel, per express or freight, \$3.00; per peck, \$1.00; per quart, 25 cents; per quart, postpaid, 40 cents; per package, 10 cents.

Both *Medium Early* and *Late* are excellent sorts to use for ensilage, layer and layer with corn, for they greatly enrich the ensilage, contributing the rich nitrogenous element in which the corn stalks are markedly deficient. For this purpose the stalks should be cut when the beans are about full sized. They not only help the yield of milk but keep the cows in better flesh, and add decidedly to the richness of the manure pile.

MOUGRI. (*New.*)

This is rather an anomalous vegetable product; it closely resembles a radish while going to seed, and is evidently allied to that family. The young pods which are immensely numerous are used when young and tender for pickles. Price, per package, 10 cents.





JAPANESE MILLETS.



Prof. Brooks of the Mass. Agricultural College, has recently introduced from Japan three new varieties. All of these greatly surpass the Hungarian Grass or German Millets in size and vigor of stalk and yield of grain. They bear the names Panicum Italicum, Crus Galli and Milleacum. They have enormous cropping qualities, the Italicum surpassing field corn, growing side by side, in yield of both grain and straw, the millet yielding 37.2 bushels to the half acre, weighing 47 pounds each, to 30.6 of corn. The fodder of the millet weighed 2,191 pounds, and that of the corn 2,100 pounds. The millet straw chopped, crushed, moistened and sprinkled with meal was readily eaten by cattle and horses. The seed itself appears to equal in value corn meal for milk production and is

excellent for poultry. For green fodder, sow per acre of Crus Galli, 12-15 qts; Milleacum, 20-25 qts; Italicum, 16-18 qts. We have raised it on our farm for both seed and fodder purposes with very satisfactory results. The leaves are larger than those of either "Hungarian" or "German" and the crop very much heavier. It strikes us that either as a grain producer or as a source for abundant green fodder these millets promise to be a great acquisition to the agriculture of the country. Under this seeding they grow from six to seven feet in height.

F. R. Woodward, of Hill, N. H., tells us that his cows left sweet fodder corn, Pearl Millet, and common grass and took Crus Galli in preference. He supposes it was because the stalks are so much sweeter. They increased their milk when fed on it. Mr. Wm. C. Dunham, of Ridgeland Farm, writes: "My yield of Crus Galli was at the rate of 21½ tons per acre; of Italicum, 14½ tons. Sown at same time as German Millet the three give a valuable succession of green fodder."

✂ We will ask our customers when they receive special quotations to return them in case they order. ✂

By test made in our experimental grounds, we find this new salsify to be a decided improvement on the common kind. It is a distinct sort; it makes larger roots than the standard variety, while the flavor when cooked we found to be fully as rich. The flesh is of a yellow cast. My customers will find this an acquisition. Per ounce, 40 cents; per package, 10 cents.

PRICES.

(These are very scarce this year.)

P. Crus Galli, per bush. (struck measure), \$6.00; per peck, \$1.60; 2 lbs., per mail, 65c.; 1 lb. 25 cts.; per package, 10c.

P. Italicum, per bush. (struck measure), \$5.00; per peck, \$1.50; 3 lbs., per mail, 60c.; 1 lb., 25c.; per package, 10c.

P. Milleacum, per bush. (struck measure), \$5.00; per peck, \$1.50; 3 lbs., per mail, 60c.; 1 lb., 25c.; per package, 10c.

LONG ISLAND IMPROVED BRUSSELS SPROUTS.

We are able to offer to our customers this season seed of a new and superior variety, of American-grown seed which has the great merit of forming heads ready for picking about three weeks earlier than other varieties which are raised from imported stocks. A friend picked this year from a single plant more than two quarts of heads. Price, per ounce, 45 cents; per package, 10 cents.

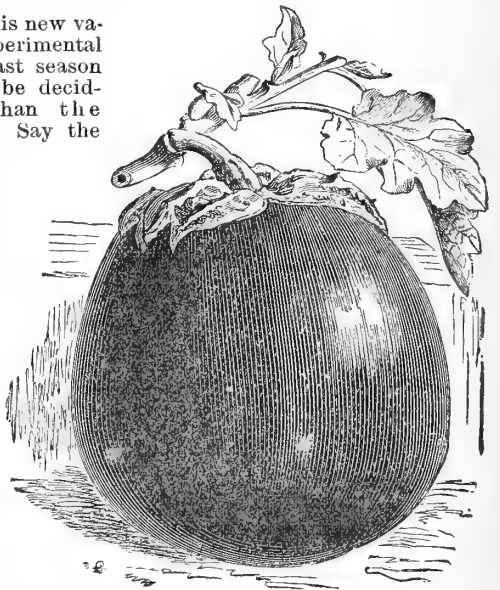
FERRY'S IMPROVED LARGE PURPLE EGG PLANT.

(Novelty of 1897.)

We tested this new variety in our experimental grounds the past season and find it to be decidedly earlier than the standard sort. Say the introducers:

"This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable to grow. Plants large, spreading; foliage light green; fruit very large,

oval; color dark purple. Plants ripen usually two to six large fruits. It is *spineless*, which is a great advantage in handling. Per ounce, 30 cents; per package 10 cents.



GIANT BEGGAR WEED. (New.)

A new forage plant which appears to be especially of value for the South. The Commissioner of Agriculture for Florida advises "every farmer in the South to give this new plant a trial. It is superior to corn, peas or clover, because it is more fattening than either, or any forage plant known and will thrive on much poorer land." United States Senator Pasco says: "All sorts of stock, hogs, cattle, mules and horses alike thrive and fatten on it, and it has never been known to produce bloat, as clover, corn, peas and alfalfa are so apt to do." Price, per pound, postpaid, 50 cents; per ¼ pound, 15 cents; per package, 10 cents.

If times in the West are good (and they are) times North, East and South are likely to be as good and they will be.

COMPLETE LIST OF VEGETABLE SEEDS WITH FULL PRICES.

One half bushel at bushel rates ; half peck at peck rates ; half pound at pound rates ; pints at quart rates.
As a rule, the earliest varieties are placed at the head of each list.

ASPARAGUS. (German, *Spargel* ; French, *Asperge*.) For roots, see page 51.

Sow the seed in the seed-bed late in the fall or in the early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well established and carefully cultivated asparagus bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, using a liberal quantity of well-decomposed manure. Set the roots so that the crowns will be four inches below the surface of the ground in rows three feet apart, and nine inches apart in the row. Apply a dressing of manure in autumn, working the same into the ground in the spring, taking care not to injure the roots. The bed will produce shoots fit for cutting the second or third year after transplanting. Stop cutting when peas come to market. One ounce to sixty feet of drill.

Columbian Mammoth White. (New.) See page 9.....	77	85	23	10	5
Palmetto. See page 9.....	67	75	23	10	5
Moore's Crossbred. See page 9.....	67	75	23	10	5
Conover's Colossal. The standard variety and it still holds it own.....	42	50	18	10	5

PRICES OF SEEDS.

lb. exp.	lb. mail.	¼ lb.	oz.	pkg.
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BEANS, Dwarf, Snap, or Bush. (German, *Busch-Bohne* ; French, *Haricot*.)

Select light, warm soil, and plant when danger from frost is past in the spring, in drills two and a half to three feet apart, dropping the beans about two inches apart in the drill, and covering one inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to a hundred and fifty feet of drill.

	peck exp.	bush exp.	qt. exp.	qt. mail.	
Improved Round Yellow Six Weeks. Early, good either as string, green or dry shelled ; of fine flavor.....	1 00	3 50	20	35	10
Early China, or "Red Eye." An old, popular, early variety.....	95	3 25	20	35	10
Early Valentine. Pods long, round and tender ; excellent, standard extra early bean in Middle States.....	90	3 00	20	35	10
Early Mohawk. Very hardy, early and productive.....	90	3 00	20	35	10
Early Yellow Six Weeks. Very early and productive ; a standard sort but soon grows stringy.....	95	3 25	20	35	10
Refugee, or a Thousand to One. A very prolific bush sort, fine for canning.....	95	3 25	20	35	10
Emperor William. A very broad-podded white. Early, fine both for string and shell.....	1 25	....	25	40	10
Rhode Island Early. See page 9.....	1 40	....	25	40	10
Best of All. This has long, fleshy pods of finest flavor ; an abundant bearer.....	1 25	....	25	40	10
Dun Cranberry. One of the very best for string ; early, also good as a green or dry shell bean.....	1 00	3 50	25	40	10
Dwarf Red Cranberry. The pure, old-fashioned sort, such a favorite with our fathers.....	1 00	3 50	25	40	10
Low's Champion. For table, garden, or market ; round, red, large-podded, stringless and tender.....	1 00	3 50	25	40	10
Warren. See page 10.....	1 20	4 00	25	40	10
Henderson's Bush Lima. See page 10. Two weeks earlier than the pole Limas.....	1 50	5 00	25	40	10
Burpee's Bush Lima. See page 10.....	1 75	6 00	30	45	10
Dreer's Bush Lima. See page 10.....	1 75	6 00	30	45	10
Marblehead Early Horticultural. See page 10.....	1 50	4 50	25	40	10
Early Carmine Podded Dwarf Horticultural. See page 10.....	1 75	6 00	30	45	10
Boston Favorite. Pods mostly rich carmine color ; market gardeners' sort. Second early.....	95	3 25	20	35	10
Intermediate Horticultural. A half-bush variety, very prolific ; a superior sort for market gardeners.....	90	3 00	25	40	10
Boston Pea. This is the Boston Market variety, very early, hardy and prolific.....	90	3 00	20	35	10
Burlingame Medium. A white field bean ; early and very prolific ; in size between marrow and pea.....	90	3 00	20	35	10
Improved Yellow Eye. One of the best varieties for baking. Remarkably vigorous and prolific.....	90	3 00	20	35	10
Navy, or Pea Bean. A small, round, white variety, very productive ; a standard sort for field culture.....	90	3 00	20	35	10
White Marrow. A standard sort for field cultivation, early.....	90	3 00	20	35	10
Snowflake. See page 10.....	1 25	4 50	25	40	10
Red Kidney. A standard red field sort ; fine for baking.....	1 20	4 00	25	40	10

Waxed Podded Varieties.

Thorburn's Valentine Wax. (New.) See page 9.....	1 25	4 50	25	40	10
Davis Kidney Wax. (New.) See page 9.....	1 25	4 50	25	40	10
Fuller Black Wax. (New.) See page 9.....	1 50	5 00	30	45	10
Keeney's Rustless Golden Wax. (New.) See page 9.....	1 20	4 00	25	40	10
Dwarf Golden Wax, or York Dwarf Wax. More prolific, with larger pods than the common sorts.....	95	3 25	25	40	10
Dwarf Black Wax. Superior for a snap bean. A very fine strain of early dwarf wax, very prolific.....	1 00	3 50	25	40	10
Extra Early Refugee Wax. A Refugee with long, round, yellow wax pods ; yields immensely.....	1 10	3 75	25	40	10
Challenge Dwarf Black Wax. See page 9. A fine extra early.....	1 10	3 75	25	40	10
Cylinder Ivory Pod Wax. See page 9.....	1 25	4 50	25	40	10
Detroit Wax. Early ; nearer rust-proof than most wax sorts ; pods long and broad.....	1 00	3 50	25	40	10
Wardwell's Kidney Wax. Extra early, very prolific ; wax pods five inches long.....	1 00	3 50	25	40	10
Early Golden-Eyed Wax. Probably as little subject to rust as any dwarf variety.....	1 25	4 00	25	40	10
Crystal White Wax. Pods small, but remarkably prolific ; much used for canning.....	1 25	4 00	25	40	10
Dwarf Speckled Wax. Probably the best late dwarf wax, with long, round yellow pods.....	1 00	3 50	25	40	10

BEANS, Pole or Running Varieties. (German, *Stangen-Pohne* ; French, *Haricots à Rames*.)

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil, and do best in a sheltered location. One quart to 150 poles.

Marblehead Champion. We find that this variety excels every other pole bean in earliness, pkg. only.....	....	....	....	....	10
Marblehead Early Pole Cranberry. The earliest pole cranberry ; pods tender ; delicious when cooked.....	1 75	....	35	50	10
Concord. Considerably earlier than the London Horticultural ; good for string or shell.....	1 75	....	35	50	10
London Horticultural, or Wren's Egg. Productive, pods elegantly striped ; excellent string or shell.....	1 50	4 50	25	40	10
Brookton. Longer podded than London Hort., and of darker and richer color ; a fine cropper.....	1 50	4 50	30	45	10
Mammoth Carmine-Podded Horticultural Pole. (New.) See page 10.....	1 75	6 00	35	50	10

T. H. Burnham, Bloomfield, Conn., writes: "After 20 years buying of you I gave you the go-by last year but here I am again."

PRICES OF SEEDS.

BEANS, Pole or Running — Continued.

Kentucky Wonder. The most productive long, green podded. Better for snapping than for shelling.
Arlington Pole Cranberry. This fine sort is later but larger podded than the Marblehead Pole...
Southern Prolific. A standard at the South, but should be in every Northern garden: very productive
Caseknife. A white pole bean of great richness either as green shelled or when baked...
Yard Long. Pods grow two and three feet long; a decided novelty... package only
Painted Lady. Either for ornament or use... package only
Scarlet Runner. The largest of all shell beans for eating; fine for ornament...
Wilkins' Pole Cranberry. See page 11...
Lazy Wives. A late white pole sort; fine for a succession, coming late. For shelling or baking...
Siebert's Lima. (New.) See page 10...
King of the Garden Lima. See page 11...
Early Lima, Sieva or Frost. Two weeks earlier than large Lima...
Large Lima. As a shell bean, surpasses all in quality...
Dreer's Improved Lima. Rather later, but more prolific than large Lima; round in shape...

peck exp.	bush. exp.	qt. exp.	qt. mail.	pkg.
1 75	6 00	30	45	10
		35	50	10
		25	40	10
		25	40	10
				10
				10
		25	40	10
		35	50	10
		35	50	10
2 00	7 00	40	55	10
1 75	6 00	30	45	10
		30	45	10
1 60	5 50	30	45	10
1 75	6 00	30	45	10

Waxen Podded Pole Varieties.

Mastiff Pole. (New.) See page 11...
Golden Champion. (New.) See page 11...
Golden Butter Wax. Very early; very prolific; very handsome; in fact, very first class, a standard
Flageolet Wax. Handsome long pods having a transparent look; later than Golden Butter...
Early Golden Cluster Wax. See page 11. In the front rank of wax pole varieties...
Indian Chief, or Black Algerian Wax. Always in order for stringing; pods yellowish white...

		30	45	10
		35	50	10
1 75		30	45	10
		30	45	10
		30	45	10
		30	45	10
		30	45	10

ENGLISH BEAN, Broad Windsor. Large and excellent. Valuable for ripening unevenly

These thrive best in rich, moist soil and a cool situation. Plant in early spring, two or three weeks earlier than the common beans, in rows two feet apart, and six inches apart in the row, covering two inches deep. Pinch off the tops of the plants when the young pods first appear. When young they are a fair table bean.

BEEF. (German, *Rudkel Rube*; French, *Betterave*.) Table Varieties.

Select a deep, rich, sandy loam, and manure with well-decomposed compost. Sow in drills fourteen to sixteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, about the 20th of June, according to variety,—the LONG varieties requiring more time to mature than the ROUND, EARLY kinds. When sown late increase the quantity of seed. To preserve during winter, cover with earth to keep from wilting. When cooking boil new beets one hour, and old ones two hours or more. The Mangold Wurtzels are grown for stock, and as they grow larger, require more room. They should be sown in drills about two feet apart, and be thinned to twelve or fifteen inches in the row. (See our work on Mangold Wurtzels, etc.) One ounce to fifty feet of drill. Five pounds per acre.

DIRIGO. (New.) See page 3.

Egyptian. Earlier than Bassano. Tops remarkably small. We heartily recommend the Crosby strain of this variety, to the attention of market gardeners.

Crosby's Early Egyptian. See page 11.

Eclipse. See page 11. About as early as the Egyptian. Now a standard variety.

Lentz' Hybrid. See page 11.

Faust's New Crimson, or Mitchell's Perfected. See page 11.

Detroit Dark Red. (New.) See page 11.

Arlington Favorite. (New.) See page 12.

Early Bassano. One of the earliest; fine in quality.

Bastian's Early Blood Turnip. As early as the Bassano, but of much darker color; small top.

Early Blood Turnip. A standard sort; good for summer or winter.

Edmonds'. See page 11.

Dewing's Early Blood Turnip. Very symmetrical, free from fibrous roots. A popular beet.

Yellow Turnip. An early sort of a beautiful golden yellow color, the best for quality.

Long Smooth Dark Blood. Excellent for winter use; smooth skinned; flesh dark red.

lb. exp.	lb. mail.	1/4 lb.	oz.	
67	75	23	15	10
47	55	18	10	5
62	70	20	10	5
42	50	18	10	5
47	55	18	10	5
47	55	18	10	5
52	60	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5

Mangold Wurtzel.

Globe Mangolds succeed better than the long sorts on sandy soil. Do not begin to feed them until midwinter.

Gate-Post. (New.) See page 12.

Norbiton Giant. A standard Mammoth Long Red; very extensively grown.

Carter's Orange Globe. The best variety of Yellow Globe.

Giant Yellow Intermediate. See page 12.

Red Tankard. Tankard shaped, with small tap-root; handsome.

Golden Tankard. Tankard shaped; flesh deep yellow, with colored rings; good cropper.

Improved American Sugar, or Lane's. A long white variety of Mangold Wurtzel, for stock.

Vilmorin's Improved French White Sugar. The variety cultivated for making sugar.

White Silesian Sugar. Raised in France for sugar, also excellent for feeding stock.

Red Giant Ovoid. Very large, oval shape; pulls up very free from dirt.

Red Globe. Globe shaped as named.

Yellow Globe.

37	45	15	10	5
27	35	15	10	5
27	35	15	10	5
32	40	15	10	5
32	40	15	10	5
27	35	15	10	5
32	40	15	10	5
37	45	15	10	5
27	35	15	10	5
32	40	15	10	5
32	40	15	10	5
27	35	15	10	5
67	75	23	10	5

BERBERRY

One of the best shrubs for hedges. Perfectly hardy. Never winter-kills, and grows on any soil; makes a thick, close, impenetrable hedge that will turn cattle, and promises to become the hedge-plant of North America. The berries make excellent preserves. As the seeds of the berry do best when planted in the berry, we will receive orders and file them to be filled in the fall, as soon as the fruit is matured, when we will send the berries at prices named above, with a page of full directions for making a hedge, and for preserving the fruit.

BRUSSELS SPROUTS. (German, *Kopfkohl*; French, *Chou de Bruxelles*.)

A class of plants allied to the cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of cabbages. Plant in rich soil, in hills two feet apart each way, and thin to one plant to the hill.

Long Island Improved. (New.) Of dwarf habit; very prolific; heads first-class. See page 37.

Dalkeith. More dwarf and compact than the old sorts and produces larger sprouts.

			45	10
			30	10

Alfred Timmerman writes: "With your cabbage seeds my crop sold for ten dollars per ton, while that of my neighbors brought but five."

PRICES OF SEEDS.

BRUSSELS SPROUTS. — *Continued.*

Scrymger's Giant Dwarf. In habit close-headed and compact. package only 10
Dwarf Improved. The standard variety. 20 5

BROCCOLI. (German, *Spargel Kohl*; French, *Chou Brocoli*.)

The Broccoli are closely allied to the Cauliflower family, so nearly so that the Walcheren variety is sometimes classed with Cauliflower. They require similar cultivation and treatment to Cauliflower.

Large White Early French. A standard French variety. 30 10
Walcheren White. One of the very best. 40 10
Purple Cape. Late, large, compact. 30 10

CABBAGE. (German, *Kopfkohl*; French, *Pomme de Chou*.)

All of the principal varieties of cabbage, making over one half of the list below, are of our own growing.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plough deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart; the large varieties to be from two to four feet apart in the rows, with the rows from two and a half to four feet apart, but the largest varieties can be planted at the least distances named and do well. The crop should receive as many as three hoeings and three cultivatings. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops. For late fall marketing, plant drumhead sorts from June 10 to 20. For minute information, see our treatise on "Cabbage." One ounce to about two thousand plants.

Earliest Varieties.

CHARLESTON WAKEFIELD. (New.) See page 2.....	2 42	2 50	73	25	10
Express. Vilmorin of Paris places this at the head of the early sorts; larger than Wakefield.....	1 42	1 50	48	15	5
Early Jersey Wakefield. A standard early cabbage in Boston and New York markets. See page 13	2 42	2 50	73	25	5
Henderson's Early Summer. This drumhead cabbage is much larger than the Early Wakefield, though not quite as early. Very popular among market gardeners.....	1 42	1 50	48	15	5
All Seasons. See page 12. Fast becoming an acknowledged standard; early large drumhead variety	1 42	1 50	48	20	5
Very Early Etampes. A very early, fine heart-shaped sort; growing in favor. Resembles Wakefield	1 27	1 35	43	15	5
Little Pixie. A small, tender cabbage, pointed heads. It is earlier than Early York, and heads hard	1 42	1 50	48	15	5
Early Oxheart. One of the best of the early conical sort.....	1 42	1 50	48	15	5
Early York. One of the earliest; an old standard sort.....	1 17	1 25	38	15	5
Early Wyman. The largest of the Wakefield sorts; very popular with market gardeners for early market	1 92	2 00	58	20	5
Earliest Blood-Red Erfurt. The earliest of all the red varieties. Short stumped; hard heading...	1 92	2 00	58	20	5

Second Early.

TWISS' EARLY DRUMHEAD. (New.) See page 3.....	3 17	3 25	98	30	10
ERFURT ROUND SUGAR. (New.) See page 4..... package only					15
DANISH BALL. (New.) See page 4.....	2 42	2 50	73	25	10
THE HOLLANDER. (New.) See page 5.....	2 42	2 50	73	25	5
German Export. (New.) See page 13.....	2 42	2 50	73	25	5
Large French Oxheart. An early cabbage; heart-shaped.....	1 42	1 50	48	15	5
Schlitzter. Shaped like Winnigstadt but grows larger; marbled green; fine for the table.....			50	20	5
Early Winnigstadt. Heads large, cone-shaped, solid; one of the best standards for all soils.....	1 32	1 40	43	15	5
Early Red Erfurt. Early, head round, and very solid.....				25	5
Filderkraut. The heads are conical in shape, large size. Can be used as medium early.....	1 42	1 50	48	15	5
Schweinfurt Quintal. The earliest of all large drumheads; heads not hard but very handsome.....	1 42	1 50	48	15	5
"Newark" Early Flat Dutch. Best strain of second early in New York market. Head solid.....	1 42	1 50	48	15	5
Early Bleichfeld Giant. Heads large, solid, and of fine flavor; dark green in color.....	1 42	1 50	48	15	5
Fottler's Early Brunswick. The earliest of the large-heading drumheads. See page 12.....	1 67	1 75	53	20	5
Succession. See page 13.....	1 67	1 75	53	20	5
Warren. See page 13. This grows to good size for selling by the barrel.....	2 92	3 00	98	30	5
Early Deep Head. See page 12.....	1 92	2 00	58	25	5
All Head. (New.) See page 13.....	1 92	2 00	58	20	5

Late Kinds.

BUSOWKA LATE ROUND. (New.) See page 3.....				50	15
Bridgeport. Late Drumhead. The standard shipping cabbage in Chicago; makes a large, round firm head	1 92	2 00	58	20	5
Green Glazed. A standard variety in the South.....	1 67	1 75	53	20	5
Diamond Winter. A large sized reliable round hard heading variety; not liable to crack.....	2 92	3 00	98	30	5
Gregory's Hard Heading. See page 13.....	2 42	2 50	73	25	5
Marblehead Mammoth Drumhead. <i>Largest cabbage in the world.</i> Directions on label. See page 13	1 92	2 00	58	25	5
Stone-Mason Drumhead. True and fine. A standard variety in Boston Market.....	2 17	2 25	63	25	5
Premium Flat Dutch. Excellent for winter; very extensively grown everywhere. See page 12...	1 42	1 50	48	20	5
Mammoth Rock Red. (New.) See page 12.....	1 92	2 00	58	20	5
Red Dutch. The old variety for pickling.....	1 42	1 50	48	15	5
Red Drumhead. Larger than Red Dutch, and more profitable; heads round; very reliable for heading	1 42	1 50	48	15	5

Savoy.

Midsummer Savoy. This makes a large head for an early Savoy; fine for family use.....				20	5
Early Ulm Savoy. One of the earliest; unsurpassed in quality; capital for family use.....				20	5
Improved American Savoy. Very reliable for heading; very sweet and tender. See page 13....	1 92	2 00	58	20	5
Drumhead Savoy. We have an absolutely fine strain of this large drumhead.....	2 92	3 00	98	30	5

CARROT. (German, *Moehre*; French, *Carotte*.)

Carrots thrive best in rather a light loam. The ground should be well manured with fine, well-rotted or composted manure, six or eight cords to the acre, and be thoroughly worked quite deep, by two ploughings made at right angles with each other. Also cultivate and drag, if there are any lumps, and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart and thin plants three to five inches in the rows. Plant from the middle of April to the middle of May, to insure crop, though good success is often met with if planted as late as the 10th of June. As the dry spells, which sometimes prevail in June, are apt either to prevent the germination of the seed, or to burn the plants as soon as they appear above ground, it is therefore advisable to increase the quantity of seed which, under the circumstances, will give the crop a better chance. Keep very clean of weeds. One ounce will sow 150 feet of drill. (See our work on "Mangolds and Carrots.")

M. W. Ford, Becket, Mass., writes:—"From one ounce of your Guerande carrot seed I raised 42 bushels of nice carrots."

PRICES OF SEEDS.

CARROTS.—Continued.

Long Red Coreless. (New.) See page 14.....
Early Very Short Scarlet. The earliest and smallest of all varieties; of special value for forcing.
Early Scarlet Horn. The early short variety for forcing, excellent for the table; color very deep orange
Short-Horn. The standard early variety; sweeter than Long Orange and more solid. Good to color butter
Chantenay. See page 14.....
Guerande. See page 14. Enormous cropper; can be pulled by hand.....
Danvers. Extra selected gardeners' strain. See page 14.....
Improved Long Orange. We send this out as the most selected strain of Long Orange.....
Improved Short White. See page 14.....
Large White Belgian. Large white; very productive; good for horses; crop can be pulled by hand
Yellow Belgian. Grown partly out of ground; capital for late keeping for stock.....

lb. exp.	lb. mail.	¼ lb.	oz.	pkg.
67	75	23	10	5
72	80	23	10	5
72	80	23	10	5
62	70	23	10	5
67	75	23	10	5
67	75	23	10	5
1 17	1 25	38	15	5
52	60	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5

CAULIFLOWER. (German, *Blumenkohl*; French, *Choufleur*.)

Pursue the same course as with Cabbage, manuring rather heavier and hoeing oftener, and planting the late varieties early. Cauliflowers covet the cool, moist weather of the fall months to perfect themselves. One ounce for two thousand plants.

Erfurt Dwarf. Very early. The standard French variety for forcing.....
Early Padilla. (New.) See page 14.....
Extra Early Dwarf Erfurt. Specially selected. Very early, hardy, dwarf and compact.....
Early Paris. A standard early variety. A standard around Paris.....
Early Erfurt. A choice German variety.....
Italian Early Giant. Fine, large, white-headed and early.....
Early Dutch. A large and hardy early variety.....
Henderson's Early Snowball. See page 14. Very dwarf, very early and reliable... ¼ ounce \$1.00
Early London Market. The best strain of this standard English sort.....
Thorburn's Gilt Edge. See page 14.....
Long Island Beauty. See page 14.....
Eclipse. The leaves of this variety are said to protect the head especially well..... package only
Carter's Defiance. This sort is fine for forcing or very early use..... package only
Berlin Dwarf. By test we find that this for earliness, size and quality about equals the Snowball...
Lenormand's Short-Stemmed Mammoth. Dwarf, large and fine; reliable for general cultivation.....
Carter's Dwarf Mammoth. Very early, with heads remarkably large for so dwarf a variety.....
Autumnal Late Giant. Very large headed and productive; late.....
Stadtholder. Fine; large size; late.....
Late Algerian. One of the new, large, late French sorts; very popular with the New York gardeners.....

.....	.....	1 25	15	
.....	.....	1 25	15	
.....	.....	2 75	25	
.....	.....	1 98	60	5
.....	.....	2 98	1 00	15
.....	.....	1 98	60	10
.....	.....	.....	60	10
.....	.....	10 00	3 00	25
.....	.....	1 23	40	5
.....	.....	7 00	2 25	25
.....	.....	.....	2 00	20
.....	.....	.....	.....	15
.....	.....	.....	.....	15
.....	.....	2 98	1 00	15
.....	.....	1 98	60	10
.....	.....	1 98	60	10
.....	.....	1 73	50	5
.....	.....	1 98	50	5
.....	.....	2 25	60	5

CELERY. (German, *Sellerie*; French, *Celeri*.)

Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart, either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. Sow Boston Market early and manure it heavily to develop its branching habit. Those marked with a * the best for the South. One ounce of seed gives about four thousand plants.

Paris Golden Yellow Large Solid. See page 15. Headquarters stock.....
Boston Market. Headquarters stock. This is the short, bushy, compact, solid Boston variety.....
EVANS' TRIUMPH. (New.) See page 4.....
Dwarf Golden Heart. Half dwarf, silvery white, with golden heart; perfectly solid.....
Crawford's Half Dwarf. See page 15.....
***White Plume.** See description on page 15.....
Giant Pascal. See page 15. Stock from the originator.....
Kalamazoo. See page 15.....
Solid Ivory. The perfection of a dwarf celery; compact in habit; crispy and of fine flavor.....
***Perfection Heartwell.** Medium green, tall vigorous grower, makes a large, tender heart.....
***White Solid.** A standard sort. Our strain of this is first rate.....
Sandringham Dwarf White. Most dwarf of all; very solid; white.....
New Rose Dwarf. Has the good keeping qualities of the red sorts, and is of a fine pink color.....
London Red. Dwarf, solid and crisp; a first-class variety.....
Turnip Rooted. (Celeriac.) The old standard sort. Celeriac is used for flavoring soups.....
Large Smooth Paris Turnip Rooted. This grows better and smoother than any other Celeriac...
Old Celery. For flavoring pickles, etc.....

3 42	3 50	1 10	35	5
2 42	2 50	73	25	5
2 92	3 00	98	30	10
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 92	2 00	58	20	5
1 67	1 75	53	20	5
1 42	1 50	48	15	5
.....	.....	58	25	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
2 42	2 50	73	25	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
50	58	18	10	5

CHICORY. (German, *Cichoren Wurzel*; French, *Chicoree*.)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering, so as to exclude the light. If raised for its root, dig at about the same time as carrots, wash the roots, and then slice them either way, and dry thoroughly by artificial heat.

Large Coffee Rooted. Used as a substitute for coffee.....

67	75	23	10	5
72	80	23	10	5

COLLARDS or COLEWORTS.

A class of plants closely allied to the Cabbage family, used as greens in the sandy sections of the South. Transplant when four inches high into rows three to four feet apart, according to the richness of the soil, and one and one-half feet apart in the row. Thin during the summer to three feet apart in the row.

CORN.

Do not plant before the ground has become warm—nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills two and a half feet apart, and the stalks thinned to ten inches apart; the larger sorts should have the drills three to four feet apart, and the stalks a foot apart in the rows, and the largest dent varieties eighteen inches apart. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use to be planted at the same time, we would recommend Cory, Lackey's, Crosby's, Potter's Excelsior, Stowell's and Egyptian Sweet. One quart for two hundred hills.

S. H. Scheldt, Cimaron, Col., writes: "At this altitude of 7000 feet with frost every month in the year, your seeds beat them all."

PRICE OF SEEDS.

CORN. — *Continued.***Sweet Varieties for Family Use and Marketing in a Green State.**

(German, *Zucker Maize*; French, *Sucre Maize*.)

	peck exp.	bush. exp.	qt. exp.	qt. mail.	pkg.
Cory. See page 16. Now the acknowledged standard early market sort.	75	2 50	20	32	10
White Cory. (New.) See page 16.	75	2 50	20	32	10
First Crop Sugar. This comes just after Cory, with larger ears, and surpasses it in sweetness.	75	2 50	20	32	10
Lackey's New Early Sweet. See page 16.	90	3 00	20	32	10
Early Minnesota Sweet. One of the second earliest; ears of good market size.	85	2 75	20	32	10
Shaker Early Sweet. Matures with Minnesota, but has a larger ear, desirable.	75	2 50	20	32	10
Original Crosby. Early short stalked, ears near ground, twelve to sixteen rowed, and of rich flavor	1 00	3 50	25	37	10
Crosby's New Early Sweet. First-rate every way, either for market or family use.	75	2 50	20	32	10
Early Boston Market. Earlier and more dwarf than Crosby's Early; has larger ears.	90	3 00	20	32	10
Moore's Early Concord Sweet. Twelve to sixteen rows, med. early, ears large; good to follow Crosby	75	2 50	20	32	10
Quincy Market. (New.) See page 16. This comes in before Crosby's Early.	90	3 00	20	32	10
Stabler's Early. Second early, twelve rowed, large eared; very sweet.	75	2 50	20	32	10
Bonanza. See page 15.	75	2 50	20	32	10
Perry's Hybrid. See page 15.	75	2 50	20	32	10
Potter's Excelsior or Squantum. See page 16.	75	2 50	20	32	10
Mexican Sweet. In sweetness and tenderness, this excels all varieties we are acquainted with.	75	2 50	20	32	10
Country Gentleman. (New.) See page 16.	75	2 50	20	32	10
Champion (New.) See page 15.	75	2 50	20	32	10
Zigzag. (New.) See page 16.	75	2 50	20	32	10
Pee-and-Kay. Second early, large eared, white and sweet.	75	2 50	20	32	10
Hickox. Large eared, white, tender, and sweet, ripening a week earlier than Stowell's.	75	2 50	20	32	10
Marblehead Mammoth Sweet. The largest sweet variety grown. See page 15.	75	2 50	20	32	10
Livingston's Evergreen. See page 16.	75	2 50	20	32	10
Stowell's Evergreen Sweet. Excellent; keeps green till cold weather; ears large; a standard late	70	2 25	20	32	10
Egyptian Sweet. Latest; ears large. We never ate a large white sort more tender and sweet.	75	2 50	20	32	10
Sweet Fodder Corn. Not as usual, mere trash, but good corn to vegetate.	60	2 00	20	32	10
Varieties for Field Cultivation and Popping. (German, <i>Welschcorn</i> ; French, <i>Maize</i> .)					
Mexican June. (New.) See page 16.	1 00	.....	25	40	10
Adams Early. A favorite in the South. The earliest of all the Dent sorts.	50	1 50	20	35	10
Improved Early Yellow Canada. First-rate where seasons are short. Our stock is Canada grown	70	2 25	25	40	10
Sibley's Pride of the North. Probably the earliest Dent; will ripen in northern New England.	50	1 50	20	35	10
Butler Dent. (New.) See page 16.	50	1 50	20	35	10
Longfellow's Field. See page 16. We again offer a fine stock. Home grown.	60	2 00	20	35	10
Leaming. See page 36.	50	1 50	20	35	10
Cuban Giant Ensilage. (New.) See page 16.	50	1 50	20	35	10
Sanford. A white flint, planted extensively for fodder, the stalks being extra large and numerous.	50	1 50	20	35	10
Blunt's Prolific Flint. A fine prolific white flint variety, too late for N. E., but a fine sort for ensilage	50	1 50	20	35	10
Ensilage. The tallest variety of Southern corn, especially suitable for ensilage.	50	1 50	20	35	10
Silver Laced Pop. The handsomest of all; will not ripen north of Southern Massachusetts.	.....	.....	25	40	10
Egyptian Pop or White Rice. Tenderer when popped than the common variety.	.....	.....	25	40	10
YELLOW RICE POP. (New.) Mass. grown, will ripen, if any variety will, further north	.....	.....	30	45	10

BROOM CORN.

Any good corn land will grow Broom Corn. Plant in rows three feet apart, and thin to eight inches in the row
Dwarf. Dwarf in habit; grows a finer brush than any other. 1 00 3 50 25 37 10
Improved Evergreen. Not as tall as Evergreen; brush fine and bright colored. 1 00 3 50 25 37 10

CRESS. (German, *Kresse*; French, *Cresson*.)

Plant on rich soil, finely pulverized, in drills six or eight inches apart. That grown in the cool of the season
 is of the best quality. To be used as salad before the flowers appear.

	lb. exp.	lb. mail.	¼ lb.	oz.	
Upland. Has all the characteristics of water cress and can be grown easily in any garden.	.....	.....	.....	50	10
Curled.	42	50	18	10	5
Water Cress. To be planted along the borders of shallow water courses. The famous English cress	.....	.....	.....	40	10

CUCUMBER. (German, *Gruke*; French, *Concombre*.)

The vines require a warm location. Plant after the ground has become warm, in hills three feet apart for the
 smaller varieties, and five feet for the larger sorts. Manure with ashes, guano, or some well-rotted compost,
 working the manure just under the surface. Sprinkle vines with plaster or air-slacked lime to protect from bugs.
 The frame cucumbers can be successfully grown in the open air in this country, by giving them well-sheltered
 location, plenty of manure, and having hills six by six. One ounce for fifty hills.

The Emerald. (New.) See page 3.	.....	.....	.....	.....	10
Early Russian. One of the very earliest of all varieties; grows about four inches long.	52	60	18	10	5
Extra Early Seedling. As early as early Russian while it grows to a much larger size.	52	60	18	10	5
Early Frame. Early, short, prolific.	42	50	18	10	5
Early Cluster. Bears mostly in clusters; early and productive.	42	50	18	10	5
Peerless White Spine. Larger than improved White Spine; productive, excellent for forcing.	52	60	18	10	5
Extra Selected White Spine. (New.) See page 17. Fine for forcing.	1 42	1 50	48	20	5
Improved White Spine or Arlington. Great bearer; excellent for early forcing, or for outdoor cultivation; standard in Boston. Stock very pure, from one of the best Arlington market gardeners	52	60	18	10	5
Long Sikkim. Grows from 12 to 16 inches long; flesh firm, white, crisp; of agreeable taste, pkg. only	.....	.....	.....	.....	10
Bennett's White Spine. (New.) See page 17.	52	60	18	10	5
Thorburn's Commercial Pickling. (New.) See page 17.	57	65	20	10	5
FORDHOOK PICKLING. (New.) See page 3.	92	1 00	28	15	10
Green Prolific. A very prolific pickling variety. Selected by one of the largest growers in the country	52	60	18	10	5
Thorburn's Everbearing. See page 17.	57	65	20	10	5
Livingston's Evergreen. See page 17.	57	65	20	10	5
Nichols's Medium Green. See page 17.	52	60	18	10	5

JAMES J. H. GREGORY & SON'S RETAIL CATALOGUE.

Mrs. Luman White, Winsted, Conn., writes: "We have always found your seeds good and reliable and your dealings with us honest and liberal."

CUCUMBERS.—Continued.

Short Green. The old standard short variety.....
Long Green. The old standard long variety.....
Bismarck. A cross between the Long Green and White Spine. Large, straight, tender, and crisp..
Tailby's. For description, see page 17.....
Giant Pera. See page 17. Clear, smooth skin, with but few seeds.....
Improved Long Green Pickly. Long variety, growing 12 to 14 inches; makes a hard brittle pickle..
Parisian Pickling. See page 17.....
Boston Pickling. A medium long variety; the standard for pickling in Boston market.....
Chicago Pickling. A favorite in Chicago; prolific, but not quite as early as Boston Pickling.....
Northon Giant. English prize frame variety; sometimes growing to 30 inches..... package only
Giant German. See page 17. The handsomest frame variety we ever saw.....
West India Gherkin. A very small, elegant sort, for pickles only; prolific to an extraordinary degree..
Snake. We have grown these six feet in length coiled up like a snake. A decided novelty..... package only
Eight Varieties Mixed.....

lb. exp.	lb. mail.			
42	50			
52	60			
52	60			
57				
95	80	20		40
72	80	23		5
1 17	1 25	38	15	5
52	60	18	10	5
52	60	18	10	5
				25
			30	5
			20	5
				10
			15	5

DANDELION. (German, *Leuengohn*; French, *Dent de Lion*.)

This vegetable has become very popular as an early, healthful green, and the roots also are used, when dried, as a substitute for coffee. Its use in either of these forms is particularly recommended to those who are inclined to any disease of the liver. Sow in May in drills one foot apart, covering the seed a half inch deep. A rich soil is preferable, but this plant will thrive anywhere. One ounce to one hundred feet of drill.

Arlington. (New.) Leaves finer than Improved Thick Leaved; very popular in Boston market. pkg. only..... 10

Improved Very Early. A new French strain, highly recommended to market gardeners..... 1 48 60 10

Improved Thick Leaved. Of our own growing; saved from open blossoms. Seven hundred bushels have been grown on three-fourths of an acre..... 3 92 4 00 1 23 40 10

Common..... 1 92 2 00 58 20 5

EGG PLANT. (German, *Eie pflanze*; French, *Aube gine*.)

Plant the seed in March in a hot-bed; or for family use, in flower-pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require a rich soil and as favorable a location for warmth as the garden will afford. One ounce to fifteen hundred plants.

Very Early Dwarf. A French variety of Long Purple; extra early..... 30 5

Black Pekin. A variety of Round Purple. Blackish violet leaves; fruit very large..... 1 23 40 10

Long Purple. Earlier and more productive, but smaller than Round Purple..... 73 25 5

New York Improved Round Purple. Surpassing all in size of fruit. The standard market sort.. 3 42 3 50 98 30 10

Perry's Improved Large Purple. (New.) See page 37..... 98 30 10

ENDIVE. (German, *Endivien*; French, *Chicoree*.)

For early use sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in the row. Any common garden soil will do; but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.

London Green Curled. Very popular..... 1 17 1 25 38 15 5

Fine Curled Mossy. Very ornamental. A little more curled than the London..... 1 17 1 25 38 15 5

Broad Leaved Batavian. A large summer variety..... 1 17 1 25 38 15 5

GARLIC.

Plant the bulbs on exceedingly rich soil, in rows or in ridges 14 inches apart, and six inches apart, in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful), and are used in stews, soups, etc.

GOURDS.

The larger varieties require the entire season to mature; the ornamental sorts grow too large if the ground is very rich.

Hen's Egg. For nest eggs; housewives find these handy when darning stockings..... 20 5

Hercules Club. Grows four to six feet in length..... 20 5

Sugar Trough. Growing to several gallons' capacity; for holding liquids they will last years..... 20 5

Double Bottle..... 20 5

Dipper. Used as its name indicates..... 20 5

Fancy and Ornamental. Mixed varieties..... 20 5

KALE or BORECOLE. (German, *Blatter Kohl*; French, *Chou vert frisé*.)

Plant the larger sorts in hills two by three feet apart and thin to one plant to the hill. Select deep, rich soil, and cultivate as cabbage. Some of the varieties are very ornamental, and scattered singly are attractive in the flower garden, being finely curled and variegated with green, yellowish white, bright red and purple leaves. The tender leaves are used as cabbage.

Large Leaved Jersey. Large, curled, light green leaves, with white ribs..... 92 1 00 28 10 5

Carter's Thousand Head. Remarkable for the great amount of green feed per acre. Very hardy.. 92 1 00 28 10 5

Siberian or German Greens. Sow in fall for use in spring..... 52 60 18 10 5

Green Curled Tall Scotch. One of the best varieties for market..... 52 60 18 10 5

Dwarf Green Curled. Very hardy; a standard market sort..... 72 80 23 10 5

KOHL RABI or TURNIP CABBAGE. (German, *Kohl Rabi*; French, *Chou Rave*.)

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches in the row. To preserve over winter treat as turnips. When young their flesh is tender and resembles a fine Rutabaga, with less of the turnip flavor. When fully matured, they are excellent for stock. One ounce to three thousand plants.

Early White Vienna. A standard early kind..... 1 67 1 75 53 20 5

New Goliath. The largest of all the varieties; deep purple.... 1 67 1 75 53 20 5

Large Purple. Very large, hardy and productive; for stock..... 92 1 00 28 10 5

LEEK. (German, *Lauch*; French, *Poireau*.)

Select good onion soil, manure liberally, and plant in April in drills made six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants, until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus. One ounce to a thousand plants.

Broad Scotch or Flag. A large and strong plant..... 92 1 00 28 10 5

American Flag. A good variety..... 92 1 00 28 10 5

PRICES OF SEEDS.

Conti
ed to W

lb. exp.	lb. mail.	1/4 lb.	Conti	pkgs.	enfile, writes:
52	60	18	Red Wethers		
52	60	18	Forwarders		
57	65	20	Set		
57	65	20	Set		
57	65	20	Set		
			earl, 10		

[illegible]

57	65	20	10	15
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5

1 42	1 50	48	20	10
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42	50	18	10	5
42	50	18	10	5
52	60	18	10	5
42	50	18	10	5
52	60	18	10	5
42	50	18	10	5
52	60	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
52	60	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
52	60	18	10	5
52	60	18	10	5

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37	45
15	23

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67	75	23	10	5
32	40	15	10	5

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[illegible]

92	1 00	28	15	5
1 17	1 25	38	15	5

1	11	1	20	50	10	5
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[illegible]

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42	50	15	10	5
42	50	15	10	5

42	50	15	10	5
42	50	15	10	5

[illegible][illegible]

1 72	1 80	55	15	5
1 92	2 00	58	20	5

1 92	2 00	38	20	3
2 17	2 25	63	20	5

2 17	2 25	65	20	5
1 42	1 50	48	15	5

72	80	23	10	5
----	----	----	----	---

1 52	1 60	48	15	5
------	------	----	----	---

1 92	2 00	58	20	5
------	------	----	----	---

1 92	2 00	58	20	5
------	------	----	----	---

1 92	2 00	58	20	5
------	------	----	----	---

92	1 00	28	10	5
1 48	1 50	48	15	5

1 42	1 50	48	15	5
1 02	2 00	58	20	5

1 92	2 00	58	20	5
1 17	1 25	28	15	5

1	17	1	25	38	15	5
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Prizes taken Union Seed purchased of you yielded at the rate of 1000 bushels per acre."

PRICES OF SEEDS.

	lb. exp.	lb. mail.	¼ lb.	oz.	pkg.
field. Eastern grown. Very large, pleasant flavored, and keeps well.....	1 17	1 25	38	15	5
Varieties. These need to be sown thicker than the other sorts.					
ge 23.....	1 92	2 00	58	20	5
The earliest of the large-sized white varieties.....	2 17	2 25	63	20	5
New A new white onion, excepting Barletta, the earliest of all. As fine as it is early	1 42	1 50	48	15	5
White Dutch. Pickling. See page 23.....	1 67	1 75	58	15	5
Large Flat White Italian. See page 23.....	1 42	1 50	48	15	5
Prizetaker. (New.) See page 23.....	1 67	1 75	58	15	5
Mammoth Tripoli. One of the largest of the giant foreign varieties; light red and mild flavor...	1 67	1 75	58	15	5
Giant Rocca. A new Italian variety. Of the mammoth class, reddish yellow in color.....	1 52	1 60	48	15	5
Onion Sets, Etc.					
Potato Onions. The bulbs of these are planted...per peck, exp., \$1.25; qt., exp., 33c.; qt., mail, 45c.....					
White Sets. Prices (subject to change) per bushel, \$3.75; peck, \$1.00; qt., exp., 28c.; qt., mail, 40c.....					
Yellow Sets. Prices (subject to change) per bushel, \$3.25; peck, 90c.; qt., exp., 28c.; mail, 40c.....					
Egyptian or Perennial Tree. (New.) For prices see page 23. Ready from middle of August...					
PARSLEY. (German, <i>Petersilie</i> ; French, <i>Persil</i> .)					
Select rich soil and sow the seed in drills, one foot apart, covering one-eighth of an inch deep. The seed is usually from fifteen to twenty-five days vegetating. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and garnishing in its natural state; also for edgings in flower gardens and bouquets.					
Beauty of the Patarre. Most beautiful foliage of intricate quilled leaflets; fine.....				25	10
Plain or Single. The old standard sort.....	42	50	15	10	5
New Perpetual. This variety does not tend so much as the others to run to seed.....	67	75	23	10	5
Fern Leaved. A most beautiful, mossy sort; valuable for decoration.....	52	60	18	10	5
Dwarf Curled. Finely curled; good for edging or table ornament.....	52	60	18	10	5
Myatt's Garnishing. Double curled; a standard English sort.....	57	65	20	10	5
Carter's Champion. Moss Curled; elegant for garnishing.....	67	75	23	10	5
Carter's Covent Garden Garnishing. Probably the best of its type.....	67	75	23	10	5
PARSNIP. (German, <i>Pastinake</i> ; French, <i>Panais</i> .)					
Give the richest and deepest soil to the long varieties of Parsnip; the Turnip sort will grow well on shallow soil. Make the soil very fine, and plant the seed very early in rows eighteen inches apart, thinning plants to three to five inches in the rows. The seeds should be planted half-inch deep. To keep well in the ground over winter, draw a little earth over the tops. One ounce to one hundred and fifty feet of drill.					
Round Early or Turnip. A new French sort; excellent for shallow soil, shaped like a turnip....	42	50	18	10	5
Large Dutch. Large and sweet. A standard kind.....	42	50	18	10	5
Abbott's Improved Hollow Crowned. The best long smooth hollow crowned; fine quality....	42	50	18	10	5
Maltese. A new long English variety.....	42	50	18	10	5
PEAS. (German, <i>Erbse</i> ; French, <i>Pois</i> .)					
Of the numbers printed against the Peas, 1 indicates first early class; 2, second early; and 3, late class. Those marked with star (*) are wrinkled varieties, the sweetest of all, but, being liable to rot, need to be planted thicker and later than the round sorts. While the tall sort will run too much to vine if liberally manured, the dwarf varieties, on the contrary, need liberal manuring. Have the dwarfs, that grow not over 15 inches high, in rows two and one-half feet apart; those varieties attaining the height of from two to three feet in rows three feet apart; and the rows of the tallest sort four feet apart. One quart to 100 feet.					
Very Dwarf. Under one foot. (These very low varieties require no sticking.)					
1. *Gregory's Surprise. (New.) See page 2.....	4 00	.....	60	75	15
1. *Carter's up-to date or Daisy. (New.) See page 24.....	.....	.....	40	55	10
1. *American Wonder. The time honored early dwarf wrinkled Pea.....	1 25	4 50	25	40	10
1. *Nott's Excelsior. (New.) See page 24. The best of all the wrinkled; first early sort.....	1 50	5 50	30	45	10
1. *Carter's Extra Early Premium Gem. Improvement on Little Gem; more prolific, longer podded	1 25	4 00	25	40	10
1. *McLean's Little Gem. A wrinkled pea nearly as early as Tom Thumb; quality first-rate....	1 25	4 00	25	40	10
1. *King of the Dwarfs. See page 24.....	1 50	5 00	30	45	10
1. *William Hurst. A critical neighbor of ours will have this as the best early dwarf wrinkled pea	1 50	5 00	30	45	10
1. Improved Tom Thumb. One of the earliest; very productive; not as sweet as the wrinkled sorts	1 25	4 00	25	40	10
1. McLean's Blue Peter. Early; of fine quality; pods larger than Tom Thumb but not so numerous	1 25	4 50	30	45	10
1. Early Prize. See page 25.....	1 50	4 50	25	40	10
Dwarf. (From 2½ to 3 feet.)					
All varieties under this class will do without bushing, but on rich garden soil will generally do better bushed.					
1. *ECLIPSE. (New.) (See page 3.).....	2 50	.....	45	60	10
1. *Station. (New.) See page 25.....	1 60	5 50	35	50	10
1. Sunol. (New.) One of Allan's latest first earlies, and it is as he says—the best.....	1 25	4 00	25	40	10
1. Hancock. Of American origin. A first early; first-class for early market. See page 24.....	1 25	4 00	25	40	10
1. Bergen Fleetwing. See page 25. One of the best of the first early, round hard varieties; great cropper	1 25	4 00	25	40	10
1. Extra Early Dan O'Rourke. One of the earliest standard market varieties.....	1 25	4 00	25	40	10
1. Philadelphia Extra Early. The standard extra early variety in Philadelphia markets.....	1 25	4 00	25	40	10
1. *Laxton's Alpha. One of the best early wrinkled market peas.....	1 25	4 00	25	40	10
1. Alaska. This being a blue pea is of fine quality, besides being extra early; growing in favor..	1 00	3 50	25	40	10
1. Earliest of All. Very early; blue seeded, and of rich flavor.....	1 00	3 50	25	40	10
1. Maud S. First rate, as early as Hancock, with larger pods.....	1 25	4 00	25	40	10
2. *Bliss' Abundance. See page 24.....	1 25	4 00	25	40	10
2. *Bliss' Ever-Bearing. Very productive; peas large and delicious; continues long in bearing..	1 25	4 00	25	40	10
2. *Hosford's Market Garden. Now well known as a standard heavy cropping second early....	1 25	4 00	25	40	10
2. *McLean's Advancer. Now recognized as the second early market Fourth of July pea.....	1 25	4 00	20	35	10
3. *Duke of York. (New.) See page 24.....	.....	.....	40	55	10

P. C. Smith, Bay Port, Mich., writes: "I took nine first prizes on vegetables from seeds bought of you."

PRICES OF SEEDS.

PEAS.—Continued.

	peck exp.	lush. exp.	qt. exp.	qt. mail.	pkg.
2. *Breck's New Life. (New.) See page 25.....	1 50	5 00	30	45	10
3. *Improved Stratagem. (New.) See page 24.....	1 50	5 00	30	45	10
2. *Juno. See page 25. Pods and peas of large size. An acquisition.....	1 50	5 00	30	45	10
2. *Shropshire Hero. This follows Advancer, growing larger pods of finest flavor, 2½ feet.....	1 50	5 00	30	45	10
3. Carter's Pride of the Market. A late, long-podded English variety, of robust habit, very productive.....	1 50	5 00	30	45	10
2. Fill-Basket. A large very handsome productive sort; pods and peas dark green.....	1 25	4 50	25	40	10
2. *Dwarf Champion. See page 25.....	1 25	4 50	25	40	10
2. *Yorkshire Hero. Large, late wrinkled dwarf; peas very large; capital sort for kitchen garden.....	1 60	3 50	25	40	10
3. *Paragon. First-class; large pods well filled; one of the very latest.....	1 50	5 00	30	45	10
2. *Heroine. See page 25.....	1 25	4 50	30	45	10
3. *Carter's Stratagem. Long-podded; very large peas; for the family garden; not absolutely pure.....	1 50	5 00	30	45	10

Tall Varieties.

3. Marblehead Early Marrowfat. (New.) See page 24.....	1 50	.....	30	45	10
3. *Telephone. An acquisition; medium late; large peas in long dark green pods.....	1 25	4 50	25	40	10
3. Melting Sugar. This with its thick, pulpy, large pods is to be cooked pods and all.....	1 50	5 00	30	45	10
3. *Champion of England. An old favorite; rich flavored and very productive. Four to five feet.....	1 00	3 00	20	35	10
3. Black-Eyed Marrowfat. An old favorite; large podded; prolific; capital for market.....	75	2 25	20	35	10
2. Royal Dwarf Marrowfat. Not so tall as Large White Marrowfat; earlier than Champion of Eng.....	70	2 00	20	35	10
3. Large White Marrowfat. A standard late sort.....	70	2 00	20	35	10

PEPPER. (German, *Pfeffer*; French *Pinent*.)

Pepper should be started in a cold frame or hot-bed. Transplant the young plants into the open ground toward the close of May, in a very warm location, having the rows eighteen inches apart; thin plants a foot apart in the rows. The ground should be made very rich, either by high manuring before plants are transplanted, or by liberal application of fertilizer or liquid manures afterwards. One ounce to fifteen hundred plants.

Squash or Flat. The variety generally planted for family use; large and thick fleshed; best for pickling Cardinal. (New.) See page 29.....

Large Bell. A standard sort.....

Large Sweet Mountain. Very large and excellent for mangoes.....

Ruby King. See page 29.....

Child's Celestial. Beautiful. Fruit, two inches long, creamy white, changing to deep scarlet.....

Procopp's Giant. One of the largest; flesh thick, glossy scarlet, sweet and mild. A mango variety.....

Spanish Monstrous. On good soil will grow six inches long and six inches in diameter.....

Long Red or Santa Fe. The standard long red.....

Cherry. Small, smooth and round; a great bearer.....

Cayenne. Small, long, and tapering; very hot; best for seasoning pickles.....

Chili. Sharply conical, about two inches in length, one half inch in diameter. Brilliant scarlet when ripe.....

Red Cluster. This resembles the Chili, but fruits in clusters on the ends of the branches.....

Golden Dawn Mango. Bell shaped; remarkably prolific and of a magnificent yellow color.....

POTATOES. (German *Kartoffel*; French, *Pomme de Terre*.) See pages 5, 26, 27 and 28.PUMPKIN. (German *Kurbin*; French, *Courge*.) Cultivate like squash, which please see.

Gibson. (New.) See page 29.....

Sugar. First rate for table or stock. See page 29.....

Cheese. Popular in the middle States. Cheese-shaped, resembling in character the Crookneck Squash.....

Large Field. Good for stock; usually grown amongst field corn.....

Japanese. Shaped like Crookneck and Cashaw, but finer and sweeter; seed peculiarly marked.....

Negro. The true old-fashioned black-warted shelled pumpkin, auld lang syne pie variety.....

Mammoth Red Etampes. See page 29.....

Michigan Mammoth. Excellent for stock. Grows very large, is a heavy cropper. See page 29.....

RADISH. (German *Rettig*; French, *Radis*.)

For early use sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half inch deep. Thin plants an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich, light soil should be preferred, and frequent watering in dry weather will be found beneficial. For a succession, sow every two weeks. Nearly all of the varieties named below are French grown. One ounce for one hundred feet of drill.

Earliest White. (New.) A new forcing radish. See page 30.....

Ne Plus Ultra. Deep Scarlet. See page 30. Headquarters stock.....

Early White Short Leaved. The best white turnip, tops remarkably short, used also for forcing.....

Earliest Erfurt Scarlet Turnip. Short leaved; extra early; medium scarlet; for glass or open air.....

Early Scarlet, Olive Shaped. Very early and handsome; quick growth; tender, excellent.....

French Breakfast. A beautiful variety of the Olive Radish, scarlet body and white root.....

Red Turnip-Rooted. Early scarlet. Standard early, popular in markets of New York.....

Scarlet Turnip. White Tipped. The name defines this elegant new turnip radish.....

NEW LEAFLESS. (New.) See page 4.....

Deep Blood Red. Early, deep blood red, oblong turnip shaped, of fine quality.....

Long Brightest Scarlet. Medium long, of a vivid scarlet color, tipped with snow white.....

Beckert's Chartier. See page 30. This does not grow pithy as it grows larger; very popular.....

Boston Long Scarlet. The longest of the long scarlets; fine quality, stock from headquarters.....

Carter's Selected Long Scarlet. Messrs. Carter & Co.'s best. Favorite with Boston market gardeners.....

Wood's Fine Frame. For cultivation under glass; very early. Shaped between Olive and long.....

Covent Garden or Long Scarlet Short Top. The standard long scarlet variety.....

Golden Yellow Summer Turnip. Spherical root; fine neck. Color very rich; very early.....

White Turnip-Rooted. For summer and winter use.....

Strasburg. A white summer and autumn variety. It grows four inches long two inches thick.....

Giant White Stuttgart. See page 30.....

Black Spanish. The round variety; for winter use.....

Chinese Rose Winter. The best for winter use. Grows large and tender.....

Large White Russian or California Winter. A winter sort eight to twelve inches long, and two inches in diameter. From the Chinese in California. An acquisition.....

	peck exp.	lush. exp.	qt. exp.	qt. mail.	pkg.
1 17	1 25	38	20	10	
82	90	28	15	5	
62	70	20	10	5	
62	70	20	10	5	
47	55	18	10	5	
47	55	18	10	5	
47	55	18	10	5	
52	60	18	10	5	
.....	.....	48	20	10	
67	75	23	10	5	
52	60	18	10	5	
52	60	18	10	5	
82	90	28	15	5	
52	60	18	10	5	
52	60	18	10	5	
42	50	15	10	5	
52	60	18	10	5	
47	55	18	10	5	
47	55	18	10	5	
47	55	18	10	5	
52	60	18	10	5	
62	70	20	10	5	
62	70	20	10	5	
62	70	20	10	5	

L. E. Hawley, Lansing, Mich., writes: "I have always found your seeds to be most excellent and your dealings with me most courteous."

PRICES OF SEEDS.

RHUBARB. (German, *Rhabarber*; French, *Rhubarb.*) For prices of roots, see page 51.

Sow the seeds in drills eighteen inches apart, and cover half-inch deep. Thin the plants to a foot apart. When the plants are one year old, prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any times to increase the bed, the roots may be taken up in the spring and divided. The seed will not usually give plants like the parent.

Mammoth. The largest of all.

Linnæus. Large, tender, and of excellent flavor. A well-known market variety.

SALSIFY or VEGETABLE OYSTER. (German, *Bocksbart*; French, *Salsafis.*)

Sow in early spring, in light rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked the flavor somewhat resembles the oyster.

Wisconsin Golden. (New.) See page 37.

Common.

Mammoth Sandwich Island. Grows much larger and smoother than the common; the popular variety

SPINACH. (German, *Spinat*; French, *Epinard.*) Write for quotations for Spinach in quantities

For summer use sow early in the spring, in drills, eight inches to one foot apart, covering the seed one inch deep. Select rich soil and manure very liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a thick covering of straw. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose.

VICTORIA. (New.) See page 5.

Round-Leaved. The popular summer variety.

Long Standing. As its name implies, the latest in seeding, consequently one of the best for garden use

Bloodsdales. Having a springy leaf, it lies lighter and keeps longer after cutting.

American Grown Bloodsdales. This is preferred by many market gardeners.

Extra Large Round-Leaved. Grows to a large size.

Prickly Seed. The hardest variety; thick leaved. For fall sowing.

New Zealand. Makes large plant; endures drought; best quality. Thought to promise well as foliage plant

SQUASH. (German, *Garten-Kewrbiss*; French, *Courge.*)

All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at rate of six or eight cords to the acre, working it just under the surface with the cultivator or gang plough. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts; work some rich, fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster or air-slacked lime in early stages of growth. Cultivate frequently. For full particulars in every department, see our work, "Squashes, and how to Grow Them."

Mammoth White Bush. (New.) See page 31.

White Early Bush. The earliest summer sort.

Summer Crookneck. Early; fine for summer use.

Golden Bush. Differs from the White Bush, only in color.

Strickler Summer. See page 32.

Dunlap's Early Prolific Marrow. See page 32. Can be planted later than Boston Marrow.

Boston Marrow. A standard fall squash; of a rich orange color, and very productive.

American Turban. Decidedly one of the best of all fall squashes. See page 32.

The Faxon. (New.) See page 30.

Essex Hybrid. See page 30.

Warren. (New.) See page 31.

Bay State. See page 30.

White Chestnut. See page 31.

Marblehead. For full description, see page 31.

"The Butman." See page 31. Supremely excellent in December.

Hubbard. Our introduction; now the standard winter squash throughout the United States.

The Victor. (New.) See page 30.

Warted Hubbard. (New.) See page 32.

Sibley or Pike's Peak. See page 31.

Cocoanut. See page 31.

Mammoth Yellow or Chili. Grows to weigh from 100 to 300 pounds. See page 30.

Canada Crookneck. The small, well-known, excellent kind.

Large Winter Crookneck. The old standard sort, the best keepers; coarse grained. See page 32

SUNFLOWER. Sow thinly in drills three feet apart, and thin to two or three feet apart in the row.

Common.

Mammoth Russian. A fine variety. Valuable for poultry or vegetable oil. Flowers and seed very large


SWISS CHARD.

Cultivate as beets. The tops while young are boiled as greens, the center and ribs are cooked, and served like asparagus.

Ornamental Varieties. The leaf veins are white or brilliant scarlet and yellow; highly ornamental

Common Chard.

TOMATO. (German, *Liebes-Apfel*; French, *Tomate.*)

 All of the list below, with but few exceptions, are of our own growing or grown for us by the originator

Sow the seed in March and April in the hot-bed, or in pots in a sunny exposure in the house. If it is desired to make very healthy stocky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day, if possible, if not, the young plants should be liberally watered and shaded from the hot sun. If it is desirable to have the fruit ripen as early as possible, in preference to a heavy crop, select rather light, poor soil, and a sunny location. Trimming off the laterals, training to a stake, and propagating by slips, are believed by many to promote earliness. Set the plants four feet apart each way, upon mounds of earth, to allow the foliage to open and let the sun in amongst the fruit. A cheap trellis, made by driving three stakes around the plants and encircling them with three or four barrel hoops, makes a very nice support for training them on.

Bond's Early Minnesota. (New.) See page 33.

Earliest of All. Tested in 1893, the earliest of ninety varieties; flat, round; very productive.

Canada Victor. Of our own introduction. For early it holds its own; is somewhat irregular.

Early Ruby. One of the first earliest; resembles Perfection but not as large.

Honor Bright. (New.) See page 33.

lb. exp.	lb. mail.	1/4 lb.	o.	pkg.
92	1 00	28	15	5
92	1 00	28	15	5
.....	.....	98	40	10
92	1 00	28	10	5
1 17	1 25	38	15	5
32	40	15	10	5
27	35	15	10	5
27	35	15	10	5
27	35	15	10	5
32	40	15	10	5
27	35	15	10	5
27	35	15	10	5
62	70	20	10	5
67	75	23	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
67	75	23	10	5
52	60	18	10	5
42	50	18	10	5
52	60	18	10	5
72	80	23	10	5
52	60	18	10	5
67	75	23	10	5
52	60	18	10	5
67	75	23	10	5
62	70	20	10	5
67	75	23	10	5
67	75	23	10	5
1 17	1 25	38	15	10
67	75	23	10	5
52	60	18	10	5
67	75	23	10	5
82	90	28	12	5
67	75	23	10	5
67	75	23	10	5
22	30	10	.....	5
22	30	10	.....	5
52	60	18	10	5
52	60	18	10	5
2 17	2 25	68	25	5
1 92	2 00	58	20	5
1 92	2 00	58	20	5
1 92	2 00	58	20	5
.....	.....	.....	50	10

TOMATO.—Continued.

		PRICES OF SEEDS.				
		lb. exp.	lb. mail.	1/4 lb.	oz.	pkg.
Fordhook. (New.) See page 33.....		1 92	2 00	58	20	5
Maule's New Imperial. (New.) See page 33.....		1 92	2 00	58	20	10
G. A. R. (New.) See page 4.....					50	10
Puritan. (New.) See page 4.....					50	10
Conference. (New.) See page 2.....	package only					10
Comrade. See page 34. Remarkable for its smoothness. Seeds from introducer.....		1 92	2 00	58	20	5
Belmont. A sport from Paragon, but much earlier; vigorous vine, very prolific.....		1 92	2 00	58	20	5
Mitchell's New. This excels in size, productiveness, smoothness, earliness and quality.....		1 92	2 00	58	20	5
Red Cross. Medium early, even size, brilliant crimson, perfectly solid, ripens close to stem.....		1 92	2 00	58	20	5
Dwarf Champion. See page 33.....		1 92	2 00	58	20	5
Volunteer. A cross of Canada Victor, Trophy, and Perfection. Color, bright red; smooth and handsome.....		1 92	2 00	58	20	5
Aristocrat. This differs only from the dwarf champion in having a glossy red color.....		1 92	2 00	58	20	5
Buckeye State. (New.) See page 34.....		1 92	2 00	58	20	5
Optimus. Medium scarlet, healthy, smooth, productive; free from rot; good size. A fine variety..		1 92	2 00	58	20	5
Mikado or Turner's Hybrid. Of the Trophy class, very large, solid, good flavor, heavy cropper.		1 92	2 00	58	20	5
Essex Hybrid. Earliness, deep purple color, handsome form, and good size make this popular....		1 92	2 00	58	20	5
Paragon. Supply directly from Livingston, his first and one of his best. A standard at the South..		1 92	2 00	58	20	5
Livingston's Beauty. See page 33.....		1 92	2 00	58	20	5
Livingston's Perfection. Splendid for canning or shipping; dark red; directly from originator..		1 92	2 00	58	20	5
Livingston's Favorite. Smoother than Paragon, darker red than Perfection, larger than either....		1 92	2 00	58	20	5
Livingston's New Stone. See page 33. Headquarters stock.....		1 92	2 00	58	20	5
Ignotum. Second early, good sized, nearly round, very solid, fine flavor.....		1 92	2 00	58	20	5
Livingston's Acme. Supply directly from the originator. Differs from the Paragon in color only.		1 92	2 00	58	20	5
Ponderosa. Monstrous; inclined to rot; better for show than use.....		1 92	2 00	58	20	5
Trophy. This magnificent variety is particularly valuable in the home garden.....		1 92	2 00	58	20	5
Yellow Victor. A beautiful medium size, golden yellow, almost perfection in shape.....		1 92	2 00	58	20	5
Peach. Much resembles a peach in looks.....		1 92	2 00	58	20	5
Improved Ground Cherry. Excels the old variety in rind and size of fruit.....		2 42	2 50	73	25	5
Yellow Fig. Pear shaped, and used to preserve as figs.....		1 92	2 00	58	20	5
Cherry. Flavor unsurpassed. Fruit small, but a wonderful cropper.....					20	5
Yellow Plum. Small, elegant. Nice for preserves.....					20	5
Currant. Very elegant; resembles long bunches of currants; for ornament only.....					20	5

TURNIP. (German, *Rube*; French, *Navet*.) When ordering please designate English or Swede.

For early use sow the small sorts as soon as the ground can be worked in the spring, in drills fourteen inches apart, the Rutabagas thirty inches. As the seed is very fine, it should be covered but slightly. Select light, if possible, new soil, and manure with ashes or phosphates. Should the young plants be troubled with insects, a sprinkling of plaster will be found beneficial. Of the early varieties thin the plants to six inches apart, and the Rutabagas to one foot. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and the Rutabagas from the middle of June to the first of July, using one and a half pounds of seed to the acre. Turnips are extensively used as winter feed for cattle and sheep. "Swede" and "Rutabagas" being synonymous terms, the names below, given as they are generally used, will be readily understood. The English varieties are almost exclusively used for early planting for market.

English Varieties.

WHITE TOP MILAN. (New.) See page 34.....	82	90	28	15	5
Purple Top Milan. See page 34.....	72	80	23	12	5
Purple Top Munich. A very early deep Purple Top variety, earlier than Red Top.....	47	55	18	10	5
Early White Dutch or Early Flat Dutch. Sharp leaves, small neck and top, color clear white, desirable	42	50	18	10	5
Early Red (or Purple) Top Flat. Fine, sweet, mild; rapid grower; very early and popular.....	42	50	18	10	5
Early White Top Flat. Differs from Red Top only in color.....	42	50	18	10	5
Scarlet Kashmyr. (New.) See page 34.....	67	75	23	10	5
Purple Top Globe. Contesting the field with the Red Top; a fine, thick, round, quick growing variety	42	50	18	10	5
White Stone or Snowball. A thick, Early White Top. The favorite in the London market.....	42	50	18	10	5
Golden Stone. A fine, oblong, yellow-fleshed variety; very handsome; an acquisition.....	42	50	18	10	5
Improved Yellow Globe. Fine for family use or field culture. An excellent American variety..	42	50	18	10	5
Orange Jelly. A round, yellow, English turnip, of finer quality than Golden Ball.....	42	50	18	10	5
Yellow Finland. Very elegant; less eaten by worms than most sorts. Good for the table or stock	42	50	18	10	5
Green Top Aberdeen. Round, yellow-fleshed and firm; a good keeper.....	42	50	18	10	5
White Egg. See page 34. Headquarters stock. Large, handsome, early; keeps first rate.....	42	50	18	10	5
Pomeranian White Globe. A very fine white globe variety; round and thick.....	42	50	18	10	5
Long White Cowhorn. A fine strain, matures quickly, carrot shaped, fine grained, and sweet....	42	50	18	10	5
White Tankard. In shape resembling a tankard; white-fleshed; a very heavy cropper.....	42	50	18	10	5
Jersey Navet. An English variety of underground turnip; early; very sweet.....	42	50	18	10	2

Swedes or Rutabagas.

Laing's Improved Swede. One of the earliest; a handsome round variety, of fine quality for the table	42	50	18	10	5
American Rutabaga. Popular among market gardeners for table and stock; flesh very solid; keeps well	42	50	18	10	5
Carter's Elephant. (New.) See page 34.....	42	50	18	10	5
Improved Purple Top Swede. See page 34.....	42	50	18	10	5
Hartley's Swede. One of the largest of the Swedes; short-necked; round in shape; very fine....	42	50	18	10	5
Skirving's Purple Top Rutabaga. Standard field variety, fine for family use; yellow-fleshed.....	42	50	18	10	5
Shamrock Swede. A popular English sort; short-neck, and oblong in shape; yellow-fleshed.....	42	50	18	10	5
London Purple Top Swede. Round shape; grows larger size than the Skirving's, and has a shorter neck	42	50	18	10	5
Carter's Imperial Swede. Messrs. Carter & Co. rank this as the best of their Swede turnips.....	42	50	18	10	5
Budlong. See page 34.....	67	75	23	10	5
White Rock. Improvement on Large White French. Less apt to grow hollow than the Sweet German	47	55	18	10	5
Large White French, or White Swede. A white market Rutabaga.....	42	50	18	10	5
Sweet German, or Russian. White, sweet, excellent; a first-rate keeper.....	47	55	18	10	5

Guy H. Stamm, Evans City, Pa., writes: "Although but 13 years old, I have used your seeds for several years and in consequence will recommend them to everybody."

SWEET OR POT AND MEDICINAL HERBS. *Figure 1 denotes seasoning, figure 2 Medicinal Herbs.*

<i>For Ground Sage, see page 36.</i>											
	lb. exp.	lb. mail.	1/4 lb.	oz.	pkg.		oz.	pkg.		oz.	pkg.
1 Sage, broad leaved.....	1 67	1 75	58	20	5	2 Saffron	15	5	2 Lavender.....	15	5
1 Thyme, French, high flavored.....	.....	.....	73	30	5	2 Opium Poppy.....	30	5	1 Rosemary	30	5
1 Thyme, broad leaved English.....	2 42	2 50	73	30	5	1 Coriander	10	5	1 Sweet Fennel.....	.....	5
1 Summer Savory.....	92	1 00	28	15	5	1 Sweet Basil.....	15	5	2 Fenugreek.....	.....	5
1 Sweet Majoram.....	1 42	1 50	48	20	5	1 Dill.....	10	5	2 Catnip.....	.....	5
1 Caraway.....	50	58	18	10	5	2 Hyssop.....	15	5	2 Melis Balm.....	.....	5
2 Hoarhound.....	1 42	1 50	58	20	5	2 Rue.....	15	5	2 Wormwood.....	.....	5

GRAINS, GRASSES, CLOVER SEEDS, FORAGE PLANTS, ETC.

Prices for quantities of items not fully quoted cheerfully given upon application.

	per bush weight.	peck exp.	bush. exp.	3 lbs. mail.	1 lb. mail.	pkg.
Baxter's Barley. (New.) See page 35.....	48 lbs.	60	1 75	50	20	10
Manshury Barley. See page 35.....	48 "	60	1 75	50	20	10
Japanese Buckwheat. See page 35.....	48 "	45	1 25	50	20	10
Amber Cane. The standard sugar variety; also much used for fodder, per lb., per exp., 10 cts.	50 "	1 00	3 50	50	20	10
Orange Cane. A little later than the Amber, but richer in juice.... per lb., per exp., 10 cts.	50 "	1 00	3 50	50	20	10
Alsike Clover.	60 "	.....	.....	75	25	10
White Clover.	60 "	.....	.....	85	30	10
Crimson Clover. See page 35. This variety is fine for soiling cattle; has a beautiful blossom	60 "	.....	.....	50	20	10
Orchard Grass.	14 "	.....	.....	80	30	10
Lawn Grass. A mixture of twelve fine varieties.....	16 "	1 00	3 75	1 00	35	10
Japan Millets. (New.) For full prices see page 37.....	.....	.....	.....	.....	.....	.....
Golden Wonder Millet. (New.) See page 35.....	48 "	1 25	.....	50	20	10
German or Golden Millet. Broader and stouter than Hungarian but later.....	48 "	1 25	.....	50	20	10
Saskatchewan Spring Wheat. See page 35.....	60 "	60	2 00	50	20	10
Gray Winter or Turf Oats. See page 35.....	32 "	60	1 50	50	20	10
Lincoln Oats. (New.) See page 36.....	32 "	55	1 40	50	20	10
Pringle's Progress Oats. (New.) See page 35.....	32 "	45	1 25	50	20	10
Race Horse Oats. See page 35.....	32 "	45	1 25	50	20	10
Spring Rye. Of our own raising.....	56 "	60	1 75	50	20	10
Winter Rye. A fine sample, also of our own growing.....	56 "	45	1 25	50	20	10
Lucerne. See page 35.....	60 "	.....	.....	70	25	10
Hungarian Grass. Magnificent forage for light land.....	48 "	50	1 50	50	20	10
Kaffir Corn. See page 35..... per peck of 15 lbs., per exp., \$1.25	.....	1 25	.....	50	20	10
Milo Maize or Rural Branching Sorghum. See page 35. per peck of 15 lbs., per exp., \$1.25	.....	1 25	.....	50	20	10
Doura Yellow. See page 35..... per peck of 15 lbs., per exp., \$1.25	.....	1 25	.....	50	20	10
Soja Beans. For prices see page 36.....	.....	.....	.....	.....	.....	.....
Canada Field Peas. See page 35.....	.....	50	1 75	.....	.....	10
Cow Peas. (Clay.) For turning under to improve soil; good for fodder; 1 1/2 bush. per acre	.....	60	2 00	.....	.....	10
Giant Beggar Weed. (New.) See page 37.....	.....	.....	.....	1 35	50	10
Rape Seed. Dwarf Essex.....	.....	.....	.....	50	20	10
Cranberry Vines. See page 51.....	.....	.....	.....	.....	.....	.....
Grafting Wax. per lb., postpaid, 40 cents; 1/4 lb., 15 cents	.....	.....	.....	.....	.....	.....
Raffia, for tying, very soft and strong..... per lb., postpaid, 40 cents; 1/4 lb., 15 cents	.....	.....	.....	.....	.....	.....

TIMOTHY, RED TOP AND RED CLOVER SEED OF EXTRA QUALITY. *(No discount on these.)*

Every farmer has learned to his sorrow in the course of his farming life that ordinary grass seed as sold at the stores comes mixed with more or less of white daisy, plantain, thistle, pig weed, smart weed, wild carrot, dock, etc., while in clover he finds buckthorn, plantain, dock in two varieties, smart weed, sorrel, wax weed, etc., and in addition more or less of sand and dirt in each. We have resolved hereafter to catalogue such a grade of seed only as shall be free of weeds of all kinds. This costs in the market a few cents more than the ordinary grade but we have faith to believe our customers will indorse the wisdom of the step. The cheap ordinary stuff sold under the name of "choice," "prime," or "extra prime" is often the prime cause of a good deal of vexation and no small loss by seeding our mowings with foul stuff, some of the weeds being like the dock and daisy perennials and therefore very hard to get rid of. The quality of the hay produced on such land is consequently reduced in value. Let us not forget that the extra advantage for using pure seed extends through all the three or five years of the seeding down and distributing the entire cost through these years, we shall find that it will amount to but a few cents per acre, while the annual difference in the market value of the crops may be a serious one. In one sample of red clover examined at the Department of Agriculture at Washington there was sufficient queer seeds to average one to every six inches in drills nine inches apart. In a hundred and forty-eight samples of seeds of grasses and forage plants were found 44 seeds of plantain, 27 of sheep sorrel, 25 of rag weed and 5 of dodder and various others, making in all 26 different species. The seed we catalogue is that cleaned by the famous Whitney-Noyes Seed Co.

	per bush weight.	peck exp.	bush. exp.	3 lbs. mail.	1 lb. mail.	pkg.
Timothy Grass. Extra clean seeds.	45 "	75	2 75	50	20	10
Red Top Grass. Extra clean seeds. Price in quantity 18c. per lb.	.....	.....	.....	90	35	10
Red Clover. Extra clean seeds.	60 "	1 50	5 75	70	25	10

SPECIAL GRASS SEED MIXTURES FOR PERMANENT PASTURES.

Prices per express or freight at purchaser's expense. (No discount.)

We offer a mixture of Grass Seeds made up of fine varieties for permanent pastures—one mixture each for light, medium and heavy soils, also one for orchards and shady places.

No. 1, light soil, 15 varieties,	total of 39 lbs. for 1 acre,	price, \$10.00
" 2, medium " 17 "	" 41 " 1 "	" 10.00
" 3, heavy, " 14 "	" 41 " 1 "	" 9.50
" 4, orchards, etc., 11 "	" 40 " 1 "	" 9.50

The seeds will be put up, each variety in separate packages.

Please note that the quantities mentioned are for one acre.

Collections of Vegetable Seeds. (No discount.)

As these collections are put up in advance ready for mailing, we can make no change or substitution in them.

No. 1.—33 PACKAGES OF VEGETABLE SEEDS FOR THE FAMILY GARDEN. Postpaid, \$1.00.

Beans, Dwarf Golden Wax.
Beans, Golden Butter Pole.
Beet, Bastian's Early.
Beet, Lentz.
Cabbage, Pixie.
Cabbage, Fottler's.
Cabbage, Prem. Flat Dutch
Carrot, Danvers.

Celery, Dwarf Golden Heart.
Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Cucumber, Boston Pickling.
Lettuce, Hanson and Silesia.
Melon, Musk, White Japan.
Melon, Water, Rattlesnake.

Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Onion, Red Globe.
Parsnip, Abbott's.
Pepper, Bell.
Peas, Champion of England.
Peas, Advancer.
Pumpkin, Sugar.

Radish, Long Scarlet.
Radish, French Breakfast.
Sage.
Squash, White Bush.
Squash, Marblehead.
Turnip, White Egg.
Tomato, Favorite.
Tomato, Stone.

No. 2.—16 PACKAGES, POSTPAID, FOR 50 CENTS.

Beans, Dwarf Golden Wax.
Beet, Lentz.
Cabbage, Fottler's.
Carrot, Danvers.

Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Lettuce, Hanson.

Melon, Musk, Christiana.
Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Peas, Advancer.

Radish, Covent Garden.
Squash, Marblehead.
Tomato, Favorite.
Turnip, White Egg.

ONE PACKAGE CHOICE FLOWER SEEDS WITH EACH COLLECTION.

VEGETABLE PLANTS. (No discount.)

Grown from stock seeds supplied by us. Sent by express or freight at purchaser's expense. No plant sent C. O. D. or per mail.

All cold-frame and hot-bed plants are transplanted and well "hardened."

CABBAGE. Hot-bed plants (ready in April).			CELERY. Cold-frame plants (ready in June).			TOMATO. Hot-bed plants (ready in May).		
	Per 100	1000		Per 100	1000		doz.	100
Early Jersey Wakefield.....	.80	6.00	White Plume.....	.75	5.50	New Stone.....	.30	2.00
Henderson's Early Summer.....	.80	6.00	Golden Yellow Large Solid.....	.75	5.50	Beauty.....	.30	2.00
All-Seasons.....	.80	6.00	Giant Pascal (July).....	.75	5.50	Dwarf Champion.....	.30	2.00
Imp. Am. Savoy.....	.80	6.00	Boston Market (July).....	.75	5.50	Livingston Favorite.....	.30	2.00
CAULIFLOWER.			EGG PLANT.			PEPPER.		
	Per doz.	100		Per doz.	100		Per doz.	100
Hend. Early Snowball (May).....	.18	1.00	New York Imp. (June).....	.80	5.00	Ruby King (June).....	.30	2.00

Asparagus, Horse-Radish, Rhubarb Roots, Fruit and Hedge Seeds Etc. (No discount.)

Stachy's Tuberifera. (New.) These roots produce a great number of crisp white tubers just under the ground. Although small they are so abundant as to make the plant a heavy yielder. They can be eaten raw, or fried, roasted, baked, etc. The tubers shrivel and spoil if exposed to the air, so they must be kept in earth after digging.....Price, postpaid, 30 cts. per dozen.

Columbian Mam. White Asparagus Roots, one year old.....Price, per 100, postpaid, 90 cts.; per 100, per express, 75 cts.; per 1000, per express, \$5.00

Columbian Mam. White Asparagus Roots, two years old.....per 100, per express, 90 cts.; per 1000, per express, \$6.50

Palmetto Asparagus Roots, one year old.....Price, per 100, postpaid, 75 cts.; per 100, per express, 60 cts.; per 1000, per express, \$4.50

Palmetto Asparagus Roots, two years old.....per 100, per express, 90 cts.; per 1000, per express, \$6.00

Moore's Cross-bred Asparagus Roots, one year old.....Price, per 100, postpaid, 75 cts.; per 100, per express, 60 cts.; per 1000, per express, \$4.50

Moore's Cross-bred Asparagus Roots, two years old.....per 100, per express, 90 cts.; per 1000, per express, \$6.50

Conover's Colossal Asparagus Roots, one year old.....Price, per 100, postpaid, 75 cts.; per 100, per express, 60 cts.; per 1000, per express, \$4.00

Conover's Colossal Asparagus Roots, two years old.....Price, per 100, per express, 70 cts.; per 1000, per express, \$4.50

Mougri. (New.) See page 36.....Price, per pkg., 10 cts.

Horse-Radish Setts......Price, per express, per 100, \$1.00; per 1000, \$7.00; per 100, per mail, \$1.15.

Rhubarb Roots. Victoria and Linnæus.....Price, per express, 25 cts. each; \$2.00 per doz.; per mail, 40 cts. each; \$4.00 per doz.

Spearmint and Peppermint Roots. Recalling our grandmother's gardens.....Each, per bunch, postpaid, 25 cts.

Holt's Mammoth Sage Roots. These grow to double the size of the common sort; perfectly hardy.....Per root, postpaid, 25 cts.

Mammoth White Artichokes. A good vegetable to enter into hog feed; crops better than potatoes. Price, 3 lbs., postpaid, 65 cts.; 1 lb., 25 cts.

Apple.....Price, per peck, per express, \$1.50; per lb., postpaid, 40 cts.; per ½ lb., 15 cts.; per oz., 10 cts.; per pkg., 5 cts.

Pear.....Price, per lb., postpaid, \$1.50; per ½ lb., 48 cts.; per oz., 20 cts.; per pkg., 10 cts.

Berberry. See page 39.

Yellow Locust. Honey Locust. Osage Orange.....Each, per lb., postpaid, 58 cts.; per ½ lb., 18 cts.; per oz., 10 cts.; per pkg., 5 cts.

Buckthorn.....Price, per lb., postpaid, \$1.25; per ½ lb., 38 cts.; per oz., 15 cts.; per pkg., 5 cts.



JOHNSON'S MAMMOTH CRANBERRY.

There are a great many varieties of the cranberry; they differ not only in size and vigor of vines, and cropping qualities, but in the form and size of the berries. Old cranberry growers are aware of this fact, and are ever on the lookout for extra large varieties. These cannot always be procured, because those who are fortunate enough to have them monopolize them. We are pleased, therefore, to be able to offer to our customers one of these giant varieties, Johnson's Mammoth, the berries of which are sometimes an inch in diameter. It is not only a mammoth berry, but also an enormous cropper; people coming from all the country around to see the crop, which completely covered the ground, and was the cranberry show of the region. The engraving illustrates the comparative size of Johnson's Mammoth and the common variety. Price, per 1000, postpaid, \$5.50; per express, \$5.00; per 100, postpaid, 70 cents.

CRANBERRY PLANTS.

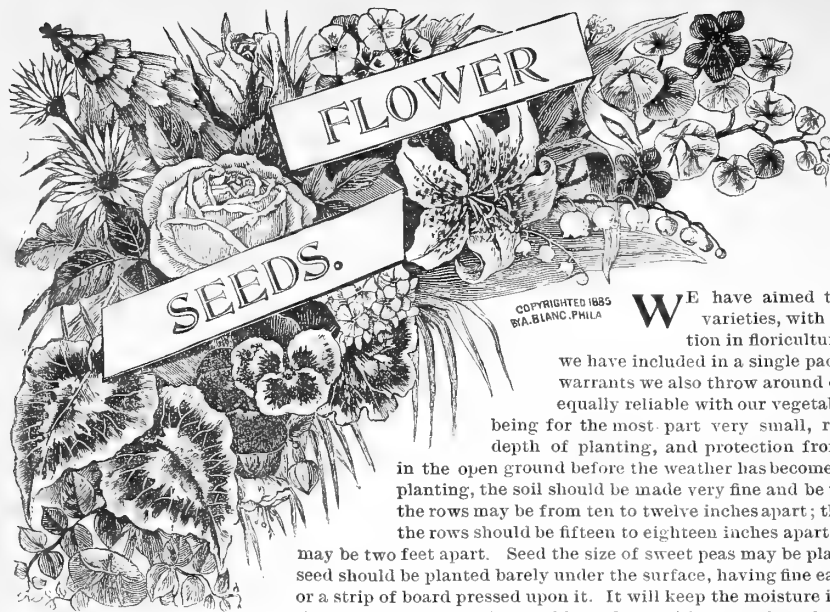
Early Black. This variety ripens earlier than the Bell, thus avoiding early frosts. Price, per 1000, postpaid, \$4.00; per express, \$3.50; per 100, postpaid, 60 cents.

The common sort. Price per 1000, postpaid, \$3.50; per express, \$3.00; per 100,

Cape Cod or Bell.

postpaid, 50 cents.

Directions for cultivation sent with each lot. No plants sent C. O. D. Prices in quantity given on application.



Choice Varieties, Annuals, Perennials AND Biennials.

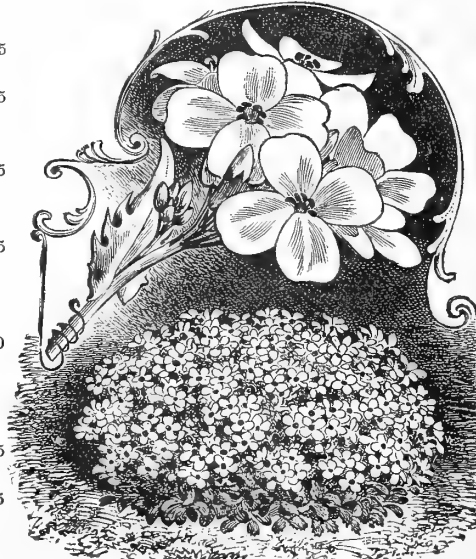
WE have aimed to include in our collection of Flower Seed standard varieties, with the addition of such kinds as have proved a real acquisition in floriculture. Many varieties that are usually advertised separately we have included in a single package under the name of "mixed varieties." Our three warrants we also throw around our Flower Seed, for it is our design that they shall be equally reliable with our vegetable seed. Let us remind our friends that Flower Seed being for the most part very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before planting, the soil should be made very fine and be well enriched. For the smaller varieties, such as pansies, the rows may be from ten to twelve inches apart; the largest upright varieties, such as zinnias and marigolds the rows should be fifteen to eighteen inches apart; while for running varieties, such as verbenas, the rows may be two feet apart. Seed the size of sweet peas may be planted one and a half to two inches deep; the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in and facilitate vegetation, if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small with a bold hand, and after they have attained the height of two inches thin again boldly. Give each plant plenty of room, according to its habit of growth; a common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A" annexed to the name of varieties, signifies Annual; "B," Biennial; "P," Perennial. ANNUALS grow, bloom and die the first year from seed; BIENNIALS bloom the second year from seed, and then die, though many, if sown early in the spring, will flower the first year. PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

FOR NOVELTIES IN FLOWERS SEE PAGES 7 AND 8.

- | | | |
|-----|---|----------------|
| No. | Abronia Umbellata. (A.) | Price per pkg. |
| 1 | Handsome, trailing plants, with clusters of sweet-scented, rosy pink flowers, resembling the Verbena | .05 |
| | Aconitum. (Monk's Hood.) (P.) | |
| 2 | Grows well in any good soil, even when in the shade | .05 |
| | Acroclinium. (A.) | |
| | Very beautiful everlasting flowers. For winter bouquets. Cut as soon as they begin to expand. | |
| 3 | Acroclinium, Double. Mixed | .05 |
| | Adlumia Cirrhosa. (Mountain Fringe.) (B.) | |
| 4 | An attractive climber, with beautiful feathery foliage resembling the Maiden Hair Fern. Flowers rose colored | .05 |
| | Adonis. | |
| | Hardy plants with delicate foliage, flowering freely, and of easy cultivation. | |
| 5 | Adonis Estivalis. (A.) Deep Crimson | .05 |
| 6 | Vernalis. (P.) A charming hardy variety, with large yellow flowers, blooming early in spring | .05 |
| | Ageratum. (A.) | |
| 7 | Ageratum, Choice Mixed. Suitable for pot culture or bedding, bearing in profusion clusters of feathery flowers | .05 |
| | Agrostemma. (A.) | |
| 8 | Agrostemma. Mixed. Very pretty, free-blooming, hardy plants growing about one foot high | .05 |
| | Aristolochia. | |
| | (Dutchman's Pipe.) (P.) | |
| 9 | A beautiful hardy climber. Leaves large and luxuriant, flowers brownish yellow, in shape resembling a pipe | .10 |
| | Amaranthus. (A.) | |
| | Ornamental foliage plants. They are most brilliant on poor soil. | |
| 10 | Amaranthus Tricolor Splendens. A variety remarkable for brilliancy of coloring | .05 |
| 11 | Bicolor Ruber. Leaf a fiery red, scarlet and maroon, sometimes tipped with yellow | .05 |
| 12 | Salicifolius. From its graceful appearance sometimes called "Fountain Plant." The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age | .05 |

- | | | |
|-----|---|----------------|
| No. | Ammobium. (Everlasting Flower.) (A.) | Price per pkg. |
| 13 | Ammobium Alatum Grandiflorum. Large white flowering variety | .05 |
| | Ampelopsis Veitchii. | |
| 14 | For description see shrubs | .05 |
| | Anagallis. (A.) | |
| 15 | Anagallis. Mixed. Beautiful, trailing hardy annuals about six inches high, desirable for small beds, edging, baskets, etc | .05 |
| | Arabis Alpina Compacta. (See Cut.) (P.) | |
| 16 | Hardy, herbaceous plant, with pure white flowers; blooms very early in the spring, fine for borders and rockwork. This new dwarf variety is a decided improvement on the old sort, being more compact and broader in growth, with larger flowers of a much purer white. Very desirable for cemeteries | .05 |
| | Sweet Alyssum. (A.) | |
| | Very fragrant, free-flowering, pretty plants for beds, edging or rockwork. Much used for bouquets, on account of their delicate, honey-like fragrance. | |
| 17 | Alyssum, Sweet. Little Gem. Very dwarf and compact, and blooms so profusely that the plants are a solid mass of white from spring till late in autumn | .05 |
| 18 | Sweet. White. Per ounce, 30 cts. | .05 |
| 19 | Saxatile. (Hardy Alyssum.) Beautiful spring-blooming variety, with flowers of a deep pure yellow | .05 |
| | Asperula Azurea. (A.) | |
| 20 | Dwarf, hardy plants with fine foliage and deliciously fragrant, bright, sky-blue flowers; well adapted for shady places | .05 |
| | Bachelor's Button. (A.) | |
| | (Centaurea Cyanus.) | |
| 21 | A showy, hardy annual, about two feet high, succeeding well in any soil, and bearing a profusion of flowers in shades of pink, blue and purple | .05 |
| | Balloon Vine. (A.) | |
| 22 | Ornamental climbing plant, remarkable for an inflated membranous capsule, from which it derives its name | .05 |
| | Browallia. (A.) | |
| 23 | Bushy plants, completely covered with blue and white flowers throughout the summer; fine for bedding or for pot culture in the winter | .05 |



ARABIS ALPINA COMPACTA.

No. **Asters. (A.)** Price per pkg.

Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil one foot apart.

- 24 **Aster, Semple's Giant.** Grand tall variety, attaining a height of 3½ feet. Flowers very large, from 4 to 6 inches across, with broad petals. Colors range from white to pink-lavender. Much in demand for floral exhibitions. .10
- 25 **Aster, Japanese Tassel.** A new strain of Aster strikingly distinct from any other variety. The flowers, of beautiful shades of rose and flesh, are of immense size, with long petals curiously curled and waved, resembling the most disheveled Japanese Chrysanthemum. The plant is very vigorous, growing about 15 inches high, and producing quite a number of these enormous flowers. (See Cut.) .10
- 26 **Aster, Snowball or Princess.** A beautiful Aster, with quite short and thickly-set imbricated petals. A single plant develops as many as thirty pure white flowers, which remain longer in good condition than any other variety. (See cut.) .15
- Aster, Ball or Jewel.** The petals of this handsome variety are so symmetrically incurved as to give them the exact shape of a ball. Flowers measure from two and one-half to three inches across, and, being borne on long stalks, will prove very useful for cutting.
- 27 — **Ball or Jewel, Apple Blossom.** Shell pink. .10
- 28 — **Deep Rose.** .10
- 29 — **Purple Violet.** .10
- 30 — **Dark Blue.** (New.) .10
- 31 **Aster, Washington Needle, Mixed.** Flowers large and double, with curved petals as round as a knitting needle. Free bloomers. .10
- 32 **Aster, Perfection, Light Yellow.** Beautiful creamy yellow. Quite a new color in Asters. .15
- 33 **Aster, Goliath.** Of extremely vigorous growth, forming large bushes, profusely covered with very double flowers, immense in size. The seed which we offer is a fine mixture of white, rose, dark-blue, ash-gray and crimson. .10
- 34 **Aster, Harlequin.** Dwarf in habit, flowers very double, with oddly striped petals. .10
- 35 **Aster, Mignon, Mixed.** .10

Resembles the Victoria race, but blooms more profusely. Flowers globular and beautifully imbricated, in colors of blue, lilac, rose, carmine, crimson and white.

- 36 **Aster, Queen of Market, Mixed.** Fine in shape, and bloom several weeks earlier than any other variety. .10
- 37 **Aster, Boston Florists', White.** The best and purest white grown for florists' use or bedding purposes. Very double and globular in form. .10
- Aster, Truffaut's Paony-flowered Perfection.** The flowers of this fine class are perfect in form, size and fullness. Petals incurved.
- 38 — **Truffaut's Snow White.** .10
- 39 — **Fiery Scarlet.** .10
- 40 — **Dark Blood-red.** .10
- 41 — **Black-blue.** .10
- 42 — **Finest Mixed.** .10

Aster Comet. (See Cut.) A beautiful distinct variety, with long, wavy and twisted petals, resembling the Japanese Chrysanthemums; well grown plants produced from twenty-five to thirty perfectly double flowers, measuring from three to four inches in diameter.

- 43 **Aster, Comet, Sulphur Yellow.** It is but a few years since the yellow tints in Aster were introduced, and we now offer this desirable color in the Comet variety. .15

- 44 **Aster, Giant Comet, The Bride.** Unsurpassed in delicacy of coloring and elegance of form. "White changing to rose" is the nearest



COMET ASTER.



ASTER JAPANESE TASSEL.

No. **Price per pkg.**

- description one can give of it, the flowers being first pure white, then white changing to rose, and finally of a beautiful rose tint. .15
- 45 — **Comet, Improved Giant, White.** Flowers immense in size. .15
- 46 — **Comet, Light Blue.** .10
- 47 — **Comet, Deep Rose.** .10
- 48 — **Comet, Pink Bordered with White.** .10
- 49 — **Comet, Mixed.** .10
- Aster, Washington.** Very large flowering, extra double; fine for exhibition purposes.
- 50 — **Washington, Pure White.** .15
- 51 — **Peach Bloom.** .15
- 52 — **Silver Gray.** .15
- 53 — **Mixed.** .10
- 54 **Aster, Victoria, Finest Mixed.** An unrivalled and favorite class of which we have a very fine strain; flowers large and perfectly double, of globular shape. .10
- 55 — **Bordeaux Red.** A peculiar brownish red. .10
- 56 **Aster, German, Double Quilled and Striped.** .05
- 57 — **Betteridge's, Quilled, Sulphur Yellow.** Flowers globular, quilled and very double. .05
- 58 — **Pyramidal, Large and Double.** Similar in style to the Paony variety, but more branching, with splendid, large, extra double flowers. Sixteen varieties mixed. .10
- 59 — **Hedgehog.** With white centre. Six splendid varieties mixed. .05



SNOWBALL ASTER.

CUSTOMERS SELECTION OF ASTERS.

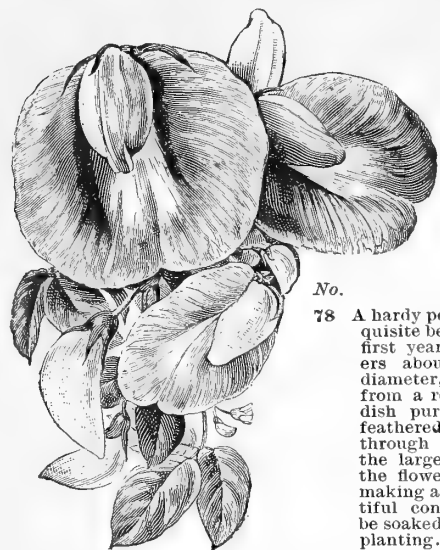
- 60 — **Giant Emperor, Mixed.** Flowers few, very double, often four inches in diameter. .15
- 61 — **Triumph, Dark Scarlet.** The most beautiful and perfect of all dwarf Asters. The flowers are produced in great abundance, and are of the most faultless Paony form. .10
- 62 — **Dwarf, Brilliant Rose.** Quite vivid and striking. .10
- 63 — **Dwarf, Fiery Scarlet.** Very brilliant. .10
- 64 — **Boltze's New Dwarf Bouquet, Mixed.** About eight inches high, very double, rich and free flowering; very fine for pots or beds. .05
- 65 — **Globe-flowered, Double German.** Twelve splendid varieties mixed. .10
- 66 — **All Varieties Mixed.** Tall and dwarf, in great variety of colors. .10
- 67 **Single Flowering Asters, Mixed.** Plants of globular form carrying on stout, long stalks, a mass of single star-shaped flowers, which come early and last a long time. These offer a welcome and pleasing change to the innumerable varieties of Double Asters. .10

Balsams. (A.)

Beautiful, half-hardy annuals, from one and one-half to two feet in height. Sow the seed early in frames, and transplant to a well enriched border.

- 68 **Balsams, Improved Camellia-flowered.** Finest mixed. Flowers very large and extra double. .10
- 69 — **Improved Camellia-flowered Deep Blood-red.** Rich deep red, very large, double and full. .10
- 70 — **Double Rose-flowered.** Very double. Splendid mixture. .05
- 71 — **Double Rose-flowered.** Separate colors, white, purple and pink. Each .10
- 72 — **Dwarf Spotted, Finest Mixed.** .05
- 73 — **Double, Very Fine Mixed.** Rich, effective, and popular mixture. .05

Any three 10c. packages for 25c.; any six 10c. packages for 45c.



Centrosema Grandiflora.

- No. Price per pkg.
- 78 A hardy perennial vine of exquisite beauty, blooming the first year from seed. Flowers about two inches in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white, making a striking and beautiful contrast. Seed should be soaked in hot water before planting..... .05

Callirhoe. (A.)

Beautiful, hardy, free-flowering plants, beginning to bloom when small, and continuing throughout the summer and fall.

- 79 **Callirhoe, Pedata.** Rich purple-crimson, with white eye..... .05
- 80 **— Involucrata.** A trailing variety of great beauty; large purple-crimson flowers; desirable for hanging baskets..... .05

Calendula (See Marigolds.)

Canary Bird Flower. (A.)

- 81 A highly ornamental creeper, with exceedingly beautiful yellow fringed flowers and finely divided foliage..... .05

Candytuft. (A.)

A well-known, hardy annual, very useful for bedding and bouquets, and also for pot culture.

- 82 **Candytuft, Empress.** Strong, free-growing, with candelabra-shaped branches, producing immense trusses of pure white flowers..... .05
- 83 **— New Carmine.**..... 10 **86 Crimson.**..... .05
- 84 **— White.**..... .05 **87 Fragrant.**..... .05
- 85 **— Purple.**..... .05 **88 Mixed.**..... .05

New Centaurea Margarite. (A.)

- 89 Large pure white flowers, exquisitely fragrant, fine for cutting and decoration..... .10

Canterbury Bells. (B.)

Very ornamental, growing about two feet high, producing beautiful, large, bell-shaped flowers.

- 90 **Canterbury Bells.** Single, blue and white mixed..... .05
- 91 **— Double, Mixed.**..... .05

"Cup and Saucer" Canterbury Bells.

(*Campanula Calycanthema.*)

A beautiful new variety, strong growers, flowers large and handsome, similar in shape to a cup and saucer.

- 92 **Calycanthema, Striped.** Bells average three inches in length, and saucers three or four inches across; of a satiny lavender, spotted and striped with rich violet-purple..... .10
- 93 **— Splendid Mixed.**..... .10

Canna.

The beauty of these extremely ornamental foliage plants, is greatly enhanced by the brilliancy of the flowers, of all shades of orange, yellow, crimson and vermillion, and many varieties are beautifully spotted. If sown in February, in hot-bed or pots in the house, and transplanted early, will bloom in August. Soak seed several hours in hot water.

- 94 **Canna, Crozy's New Hybrids.**..... .10

Saved from the most beautiful new varieties, mostly dwarf, early bloomers, and very remarkable both for beauty and size of flowers and foliage; capital class for pots and forcing.

- 95 **— Extra Choice, Mixed.**..... .05

Centranthus. (A.)

Exceedingly pretty, free-flowering plants, from six inches to one foot high, and very effective in bed or borders.

- 96 **Centranthus, Mixed Rose and White.**..... .05

Calceolaria. (P.)

Flowers highly decorative; very desirable, indeed invaluable for the house, greenhouse and the garden. Seeds should be started in pots, but not under glass.

- 97 **Calceolaria, Tigridus.** A spotted variety, extra fine..... .25

Catchfly. (A.)

A hardy annual, about one foot high; produces brilliant flowers in great profusion in early summer.



CINERARIA.

No.

Begonia. (P.)

Price per pkg.

- 74 **Begonia, Dwarf Vernon.** (See Cut.) A charming new variety, forming compact bushes about four inches in height, with deep brownish foliage and brilliant red flowers. Fine for bedding, blooming in the greatest profusion throughout the summer and autumn..... .15



BEGONIA, DWARF VERNON.

Tuberous Rooted Varieties. It is impossible to over-estimate the value of these magnificent flowering plants. In colors ranging from pure white to deep rich crimson, they make a gorgeous display, excelling the most vivid Geraniums. See also shrubs.

- 75 **Tuberous Rooted Single.** Splendid mixture..... .15
- 76 **— Double, Mixed.** Splendid quality, saved exclusively from a choice, rich collection..... .30
- 77 **— New Striped Flowered.** Flowers flaked or striped, like a carnation, comprising nearly all the colors found in the older varieties, and, in addition, a rich chrome yellow..... .40

- 98 **Catchfly, Dwarf, Double Pink.**..... .05
- 99 **— Mixed.**..... .05

Cineraria.

Beautiful free-flowering plants, for greenhouse and window garden. Flowers large, of rich colors, completely covering the plant with a mass of bloom. Finest mixed varieties. (See Cut.)

- 100 **Cineraria Maritima.** An ornamental foliage plant, with large silver leaves, for beds and borders..... .05

Chrysanthemums. (A.)

Handsome, hardy annuals, producing quantities of large flowers of striking colors, making a brilliant display.

SINGLE OR "PAINTED DAISY" VARIETIES.

- 102 **Chrysanthemum, Eclipse.** Golden yellow, with scarlet ring and rich brown centre..... .05
- 103 **— Lord Beaconsfield.** Rich crimson-maroon, edged and striped with gold..... .05
- 104 **— Sultan.** A beautiful velvety maroon, with golden rim and fine dark brown centre. Very showy..... .05
- 105 **— Multicaule.** Four inches high, with beautiful golden-yellow flowers; very effective for bedding..... .05

DOUBLE VARIETIES.

- 106 **— Double Yellow.** Flowers globe-shaped, extremely double, and an intense glowing, golden-yellow..... .05
- 107 **— Double Fringed, Mixed.** Flowers very double, with exquisitely fringed petals, in great diversity of colors, from white and yellow to blood-red purple..... .10
- 108 **— Double, Mixed Colors.**..... .05

Clarkia. (A.)

Pretty, hardy annual, about eighteen inches high, blooming from June to September.

- 109 **Clarkia, Double Carmine.** Flowers large and densely double..... .05
- 110 **— Single, Mixed.**..... .05

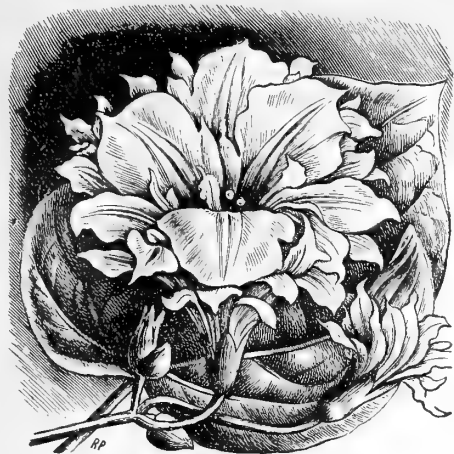
Clematis. (P.)

Beautiful hardy climbers, unrivalled for covering arbors, fences, verandas, etc.

- 111 **Clematis Cirrhosa.** A very rapid climber, literally covering itself with large bunches of white, sweet scented flowers..... .10
- 112 **Pitcheri.** Brilliant scarlet..... .10

Clianthus Dampieri (Glory Pea.) (A)

- 113 Magnificent plants, with drooping clusters of large, rich, scarlet pea-shaped flowers, three inches in length. Each flower is beautifully marked with a black, cloud-like blotch. It requires a warm soil, and should be watered sparingly..... .05



DOUBLE MORNING GLORY.

No. Price per pkg.

Clitoria. (A.)

Free-flowering, greenhouse climbers, with large, elegant, pea-shaped flowers.

- 114 **Clitoria Caelestis.** Sky blue..... .10

Cobea Scandens. (A.)

Magnificent, rapid growing climbers with large, bell-shaped flowers, adapted for out-door growth in summer; also for the house and greenhouse. The seeds should be started in the house, and planted edgewise.

- 115 **Cobea Scandens.** Purple..... .10
116 — **Alba.** A white flowered variety..... .10

Coleus. (A.)

Gorgeous colored plants, with variegated foliage, indispensable for ornamental bedding, and fine for pot culture.

- 117 **Coleus.** New, large leaved. Selected from largest and most superbly variegated..... .20
118 — **Fine Varieties.** Mixed..... .15

Cockscomb. (A.)

Hardy, attractive annuals, for bedding and pot culture.

- 119 **Cockscomb Japonica.** Scarlet..... .05
120 — **Glasgow Prize.** Fine dwarf sort, with large crimson combs..... .10
121 — **Cristata Variegata.** Gold and Crimson..... .05
122 — **Crimson.** Tall, very fine (pure)..... .05
123 — **Dwarf Mixed.** Very beautiful..... .05
124 — **Feathered.** New and very fine for bouquets..... .05
125 — **Triomphe d'Exposition.** Exceedingly beautiful, bearing large feathery crimson plumes. Equally effective in groups or as single plants..... .10

Columbine. (Aquilegia). (P.)

A well-known, showy hardy perennial, about two feet high, blooming in May and June.

- 126 **Columbine Stuarti.** A fine variety bearing its nodding flowers of deepest blue, which often measure four inches across, on tall, graceful stems..... .10
127 — **Mixed.**..... .05
128 — **California.** Flowers waxy yellow, large and handsome.... .10

Convolvulus. (A.)

Beautiful half-hardy climbers, producing an abundance of rich colored flowers. The dwarf varieties are fine for bedding.

- 129 **Convolvulus Minor.** (Dwarf.) Mixed..... .05
130 — **Major.** (Morning Glory.) Fine Varieties Mixed..... .05
131 — **Double Flowered.** (See Cut.) Of rapid growth and producing its double flowers very freely. Flowers white with a slight spot blue or red at the base of the larger petals..... .10

Japanese Imperial Morning Glories.

- 132 Flowers three inches in diameter, varying in their rich and delicate coloring tints and markings, of crimson, blue, white, yellow and brown. Some elegantly spotted with pink, crimson, blue and bronze; others striped, blotched or mottled. Some are frilled or ruffled, and of odd and singular forms, both single and double. Even the foliage varies in striking colors, some leaves green, some rich yellow, or marbled with golden-brown and splashed with white, silver and green. The vines are of very vigorous and rapid growth. Mixed, single and double..... .10

COREOPSIS (Calliopsis). (A.)

One of the most showy of all annuals, the colors being so striking as seldom to be passed without a remark.

- 133 **Coreopsis, Drummond's.** Yellow flowers, with crimson centre. .05
134 — **Golden Wave.** Very bushy and compact, a mass of bright golden color from July to October. Flowers two inches across, with small, dark centres..... .05

No.

Price per pkg.

- 135 — **Mixed Varieties.** Yellow and brown and velvety brown.. .05
136 — **Coronata Maxima.** The entire plant, stems, leaves, and flowers, is as large again as those of the old type. Splendid golden yellow flowers for cutting..... .10
137 — **Lanceolata. (P.)** The Perpetual Golden Coreopsis. Very free blooming, and lasting in its golden glory throughout the summer and fall. Unequalled for cutting..... .10

COSMOS. (A.)

A very effective autumn flowering plant, with beautiful foliage growing from six to eight feet high, literally covered with large single, daisy-like flowers, two or three inches round, in shades of rose, purple, and white. For cutting this is one of the finest flowers grown. Sow in April in pots or in the hot-bed, and transplant one foot apart.

- 138 **Cosmos. The Bride. Pure White.** The white Cosmos is the most fragrant..... .10
139 — **New Yellow.** Distinct in character, growing about two feet high, very branching, with finely divided, glossy green foliage. Flowers about one and a half inches across, star shape of a rich yellow, produced from early summer until frost..... .10
140 — **Mammoth. New Fancy Varieties.** In this splendid mixture are monster pink and white flowers, beautiful crimson shade, delicate white and mauve, white daintily tinted and clouded with pink and mauve. Some of the large white blossoms have broad plaited petals and pinked edges. The immense pink and white flowers, with overlapping petals, resemble Carnielias..... .15

Cypress Vine. (A.)

Most beautiful and popular tender climber, with very delicate fern-like foliage and numerous flowers.

- 141 **Cypress Vine, Scarlet.** Very brilliant..... .05
142 — **White.**..... .05

DAHLIA. (P.)

Sow the seeds early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

- 143 **Dahlia. Single Varieties.** Splendid mixture. Handsome bedding plants, and extensively used for cutting..... .10

- 144 — **Single, Perfection or Giant.** A splendid strain, which puts into the shade all the varieties hitherto considered the finest in cultivation. The seed being gathered from the broadest petalled flowers only, reproduces them in a variety of the most splendid colors, among which are many striped sorts..... .15

- 145 — **Variabilis Striatiflora.** A beautiful single variety, displaying the richest blending of colors, and a great many of striped, spotted, ribboned, and dotted designs..... .10

- 146 — **Double. Mixed.** Seeds saved from fine named sorts..... .10

- 147 — **Juarez.** (Cactus Dahlia.) New varieties mixed. From a splendid collection..... .15

DOUBLE DAISY

(Bellis Perennis.) (P.)

Charming plants for edgings and dwarf beds. Thrive well in shady places.

- 148 **Daisy. Snowball.** (See Cut.) Large flowered, pure white, and extremely double, with very long stems, making them valuable for cutting..... .15

- 149 — **Quilled. Mixed.** Flowers abundantly and in great variety of color..... .10
150 — **"Longfellow."** Flowers of unusual size, a dark rose color..... .10
151 — **Double. Mixed.**..... .05

Dictanus. (Fraxinella.) (P.)

Handsome, fragrant, free flowering, herbaceous plants, suitable for mixed borders.

- 152 **Dictanus Fraxinella. Mixed.** Two feet..... .05

Datura. (Trumpet Flower.) (P.)

Very showy, producing large, sweet-scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

- 153 **Datura, Wright's.** Flowers bell-shaped, of extraordinary size, white, bordered with lilac..... .05
154 — **Humilis, Double.** Double flowers of a rich golden yellow..... .05

Delphinium.

Flowers remarkable for their great beauty, diversity of shades and striking appearance.

- 155 **Delphinium, Double. Pure White. (P.)**..... .10
156 — **Formosa. (P.)** Flowers blue and white, very large and brilliant, with flowers the first season from seed..... .05
157 — **Elatum. (P.)** (See Larkspur.) Blue. Two feet..... .05
158 — **Hybridum. (P.)** Fine mixed, splendid..... .05
159 — **"Wedding Bells."** (P.) A strain of Delphinium of great merit, including the most brilliant variety of colors, azure purple, violet, blue, and lavender..... .10

Erythrina. (P.)

- 160 A magnificent half hardy shrub, with gorgeous spikes of scarlet flowers from one to two feet long. A tropical plant growing freely out of doors if placed in a warm situation. Protect in a cool dry cellar over winter..... .10



DAISY SNOWBALL.



No. GODETIA LADY ALBERMARLE. Price per pkg.

ESCHSCHOLTZIA. (California Poppy.) (A.)

A very showy plant, about one foot high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.

- 161 **Eschscholtzia, Mandarin.** Flowers a brilliant scarlet, with the inner side of petal a rich orange..... .05
 162 — **Double White.**..... .05
 163 — **Finest Mixed.**..... .05
 164 — **Double Mandarin.** Flowers from three to four inches across; the interior a rich orange-yellow, feathered towards the edges with lemon, the outside orange-red..... .05

Eternal Flower (Helichrysum.) (A.)

Ornamental in the garden, and desirable for winter bouquets, as they retain their form and color for years, if gathered and dried when first open.

- 165 **Eternal Flower, "Fireball."** Rich crimson-maroon..... .05
 166 — **Yellow.**..... .05
 167 — **Mixed.**..... .05

Eupatorium. (P.)

- 168 Shrubby plants, with white flowers, growing in graceful, feathery sprays..... .10

EUPHORBIA. (P.)

- 169 **Euphorbia Heterophylla.** "Mexican Fire Plant." Large bushy plants, growing about three feet high, with very ornamental dark green leaves, which as the season advances, become blazed with scarlet. Sow early in pots or hot-bed, and transplant to open ground in May..... .05
 170 — **Variegata.** "Snow on the Mountains." Leaves edged with pure white..... .05

Exacum. (A.)

- 171 Clusters of violet purple flowers, with yellow anthers, most beautifully cyclamen-scented. Half hardy. Blooms incessantly through the summer, and if removed to the house will bloom freely all winter. .15

Feverfew. (Matricaria.) (P.)

A beautiful half-hardy perennial, well adapted for beds.

- 172 **Feverfew, Double Dwarf.** Flowers large, creamy colored, and very double..... .05
 173 — **Double White.** Very fine..... .05
 174 — **Golden Feather.** Ornamental foliage plant. Desirable for vases and baskets to mix with other plants..... .05
 175 — **Golden Ball.** (See Cut.) This novelty forms a compact bush about a foot in height, covered with a multitude of quilled flowers of a very rich and intense golden yellow..... .10

Flax. (A.)

- 176 **Flax, Crimson.** A beautiful, half hardy annual, very effective and showy for bedding purposes..... .05

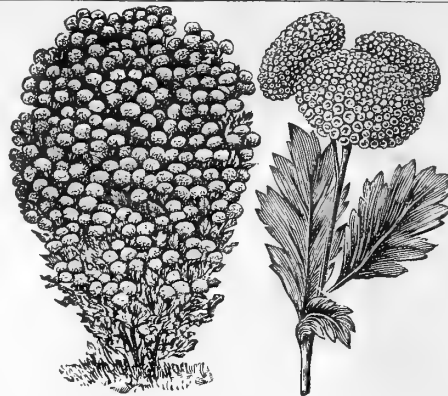
Foxglove. (B.)

- 177 **Foxglove, Large-flowering.** Spotted and Mixed. Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white and yellow..... .05

Forget-me-not (Myosotis.) (P.)

A very pretty little hardy perennial, about six inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rockwork.

- 178 **Forget-me-not, Distinction** A new variety, blooming in two months after seed is sown. Very dwarf, compact and free-flowering. If planted in pots or greenhouse in July, will bloom almost uninterruptedly; if kept in open ground in winter, will bloom early in the spring..... .10
 179 — **Alpine, Large-Flowered.** Flowers exceeding other varieties in size; sky-blue in color, with a clearly defined yellow eye..... .05
 180 — **Blue.** The standard variety..... .05



No. FEVERFEW GOLDEN BALL. Price per pkg.

- 181 — **White.**..... .10
 182 — **"Jewell."** There is no Forget-me-not in existence which produces on a long flower stem such a perfectly formed, brilliant, sky-blue head as the "Jewell"..... .10

Fuchsia. (A.)

Elegant flowering plants, of easy culture, in pots for parlor decoration or in the garden. In the garden they require a slightly shaded situation. Soil should be rich.

- 183 **Fuchsia, or "Ladies Ear Drop."** Finest Varieties. Mixed..... .20

GAILLARDIA. (A.)

One of the most showy and brilliant of garden flowers, fine for bedding and cutting; producing large flowers of rich shades throughout the summer.

- 184 **Gaillardia, Single, Grandiflora Splendid Mixed.**..... .05
 185 — **Picta Lorenziana, Double.** Fine for bedding and cutting; flowers very double, of various shades, orange, claret, amaranth, sulphur, etc..... .05
 186 — **New Perpetual Blooming.** "James Kelway." A beautiful giant flowering Gaillardia, with magnificent flowers, of the brightest scarlet with a golden margin and fringed edges..... .10

Geranium. (A.)

- 187 **Geranium, Splendid Mixed.**..... .20
Gilia. (A.)

Early and free flowering, growing from six inches to one foot high, desirable for planting in masses or detached patches.

- 188 **Gilia, White and Rose.**..... .05

Globe Amaranth. (A.)

Tender annuals about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open.

- 189 **Globe Amaranth, Variegated and Mixed.**..... .05

GLOXINIA. (P.)

A superb class of greenhouse and indoor plants, producing in great profusion, elegant flowers of the richest and most beautiful colors. They are quite easily grown from seed, and deserve extensive cultivation as house plants. Sow in March, on the surface, in a warm, moist atmosphere, transplant into shallow pots when the second leaf appears. Allow plants to rest through autumn and winter, giving little water, repot in the spring, and water freely; will blossom second season.

- 190 **Gloxinia, Hybrida Grandiflora.** Scarlet. (See Cut.) Flowers large, the edges of the petals delicately frilled. Foliage a velvety dark green, with silvery-white venations..... .25

- 191 — **Grandiflora, Mixed.**..... .25

Godetia. (A.)

Very attractive, hardy annuals, about one foot high. Flowers of a beautiful satiny texture.

- 192 **Godetia, White Pearl.** New dwarf, pure satiny white variety. On account of its very regular compact growth it is best adapted for beds or ribboning..... .05
 193 — **Lady Albemarle.** (See Cut.) Brilliant dark crimson..... .05
 194 — **Finest Mixed.**..... .05

Grasses, Ornamental.

Very desirable for bouquets, both for summer and winter. For winter use, cut about the time of flowering, tie up in small bunches, and dry in the shade.

- 195 **Grass Ornamental, "Job's Tears."** (A.) This well-known variety of tropical grass is so called from the appearance of its shiny, pearly fruit, which resembles a falling tear. Half hardy..... .05
 196 — **Quaking.** (A.) A graceful shaking grass, very elegant in bouquets..... .05
 197 — **Pampas.** (P.) The most stately and magnificent ornamental grass in cultivation, producing numerous, long, silken plumes of flowers. Flowers the second season; cover carefully during winter..... .10



HUMULUS JAPONICUS.

- Gypsophila.** Price per pkg.
Elegant, free-flowering little plants, succeeding in any soil. Well adapted to rockwork and edging.
- 198 **Gypsophila Paniculata.** (P.) (Remarkably hardy, dwarf plant, covering itself with small white flowers.....) .05
- 199 — **Muralis.** (A.) Beautiful starry pink and white flowers. Very fine for hanging baskets.....) .05
- Hibiscus.** (P.)
- 200 **New Perennial Hibiscus. Crimson Eye.** (See cut, page 65.) This elegant strain of Hibiscus is a robust grower, with dark red stems and foliage. Flowers immense in size, often measuring twenty inches in circumference; of the purest white, with a large spot of deep velvety crimson in the center of each flower. It will succeed anywhere, and is perfectly hardy.....) .10
- Heliotrope.** (A.)
- 201 **Heliotrope. Mixed.** Well known, deliciously fragrant plants, excellent for bedding purposes or pot culture.....) .10
- Helipterum.** (A.)
- 202 **Helipterum Sanfordi.** A variety of everlasting flowers, of great beauty; of dwarf, tufted habit; producing large, globular clusters of bright, golden-yellow flowers.....) .10
- Hollyhocks.** (P.)
- Seeds should be sown in June or July to have flowering plants the next summer; or, if sown in the house early in spring, they will bloom the first year.
- 203 **Hollyhocks, Chater's Improved Double, Mixed.**.....) .10
- 204 — **Snow White.**.....) .15
- 205 — **Sulphur Yellow.**.....) .15
- 206 — **Rose.**.....) .15
- 207 — **Royal Purple.**.....) .15
- Seed saved from one of the finest collections, and will produce very large double flowers, of striking beauty.
- 208 — **Tall Double, Mixed.**.....) .05
- Honesty (Lunaria.)** (B.)
- 209 Blooms in May and June. The flowers are succeeded by singular seed vessels, that are quite ornamental, and may be kept for a long time.....) .05
- Humulus.** (A.)
- 210 **Humulus Japonicus.** (Japan Hop.) (See Cut.) A climbing hop of very rapid growth, with luxuriant foliage, making a dense covering; beautiful when planted singly and sufficiently supported; also suitable for covering trellises, etc.....) .05
- 211 — **Variegatis.** Very attractive variety, with leaves beautifully blotched and variegated with silvery white, yellowish green and dark green. As hardy and of the same rapid, vigorous growth as the green-leaved variety.....) .10
- Ice Plant.** (A.)
- 212 A singular-looking, tender annual, with thick, fleshy leaves that have the appearance of being covered with crystals of ice.....) .05
- Impatiens.** (Sultan's Balsams.) (P.)
- 213 A perennial balsam of compact growth, producing almost continuously charming, bright, rose-colored flowers.....) .10
- IPOMEA.** (A.)
- Very beautiful and popular climbers; deservedly so from the fine foliage and the brilliant and varied hues of its many flowers. Fine for covering old walls, stumps of trees, etc.
- 214 **Ipomea Atroviolacea.** Violet, bordered white.....) .10
- 215 **Bona Nox.** (Evening Glory.) Allied with the Morning Glory, but differs from it, choosing the evening for its time for blooming. Flower pure white, deliciously fragrant, and very large. Soak seed in hot water several hours before planting.....) .10
- 216 **Coccinea.** (Star Ipomea.) Bright scarlet.....) .05
- 217 **Mexicana Grandiflora Alba.** Large white flowers with a delicious fragrance.....) .10
- 218 **Ipomea, Large-flowering.** Mixed.....) .10
- Ipomopsis.** (B.)
- 219 Most beautiful plants, with spikes of dazzling flowers.....) .05

- Jacobeia (Senecio.)** (A.) Price per pkg.
A very gay-colored, showy class of hardy plants; very effective for bedding. Grow about one foot high.
- 220 **Jacobeia, Double. Mixed.**.....) .05
- Lantana.** (P.)
- 221 This showy greenhouse plant forms a small bush, covering itself with pink, yellow and orange flowers, and also flowers of changeable color. Start in the house. Fine varieties mixed.....) .10
- Lavender.** (P.)
- 222 This herb we consider desirable for the flower garden, from the pleasing fragrance of its leaves.....) .05
- Leptosiphon.** (A.)
- Desirable for edgings; very beautiful, with their numerous and many colored flowers; also suitable for rockwork.
- 223 **Leptosiphon. Mixed.** Colors dark maroon, orange, lilac, purple, crimson, violet, golden-yellow and white.....) .05

LARKSPUR.

- Very beautiful hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set ten inches apart.
- 224 **Larkspur. Stock-flowered, Rosy Scarlet** double, of a bright, rosy scarlet.....) .10
- 225 — **Stock-flowered.** Tall-branching, finest mixed.....) .05
- 226 — **Emperor, Double. Finest Mixed.** Very beautiful variety, producing long spikes of flowers in the most delicate colors.....) .05
- 227 — **Giant Hyacinth-flowered.** An improved type.....) .05
- 228 — **Tall Rocket, Double. Mixed.** Plants large and showy.....) .05
- 229 — **Dwarf Rocket, Double. Mixed.**.....) .05
- Linaria Cymbalaria, White.** (P.)
- 230 Very pretty new variety of the trailing "Kenilworth Ivy," with light green, glossy foliage and pure white flowers. Fine for covering rockwork or for hanging baskets.....) .15
- Lophospermum Hendersoni.** (A.)
- 231 An elegant climber, with handsome Foxglove-like flowers; effective for garden decoration, also for hanging baskets.....) .05
- Love-in-a-Mist (Nigella.)** (A.)
- 232 A curious plant about one foot high, with finely cut leaves and single flowers.....) .05
- Love-lies-bleeding (Amaranthus Caudatus.)** (A.)
- 233 A hardy annual, three to four feet high, with pendant spikes of blood-red flowers. Desirable for grouping on lawns.....) .05
- Lobelia.** (A.)
- Strikingly pretty, profuse blossoming plants; the delicate, drooping habit of the Erinus varieties renders them fine for hanging baskets, while the compact sorts, forming little mounds of bloom, are splendid for beds, edgings, etc.
- 234 **Lobelia Erinus. Mixed.** Blue, white, and blue and white marbled.....) .05
- 235 — **Double. Mixed.** An acquisition.....) .10
- 236 — **Compacta, Crystal Palace. Dark Blue.** Fine for edgings and beddings.....) .10
- 237 — **Golden Queen.** Golden-yellow foliage and brilliant, blue flowers.....) .10
- Lupins.** (P.)
- 238 **Lupins. Mixed.** Showy, hardy plants, from two to three feet high, producing spikes of attractive flowers.....) .05



NASTURTIUM, HYBRID OF MME. GUNTER. (For description see page 58.)

- No. **Marvel of Peru.** (*Mirabilis*). (A.) Price per pkg.
 240 The old and well-known *Four O'Clock*. A fine plant, with flowers of various colors, making a fine summer hedge set one foot apart. .05

MARIGOLD. (*Tagetes*). (A.)

Extremely showy, one to two feet high, well adapted to garden culture, blooming profusely through the season.

- 241 **Marigold, French.** ("*Carter's Butterfly*,") A beautiful variety, with alternate petals of velvety purple-brown and old gold. .05
 242 **Legion of Honor.** (*See Cut.*) Plants about eight inches high, blooming from July until frost. Flowers single, of a beautiful, rich golden-yellow, with large blotches of velvety brown. .05
 243 **African.** (*El Dorado.*) (*See Cut.*) The finest strain of African Marigold yet offered. Flowers three inches in diameter, in all shades of yellow — lemon, primrose, gold and deep orange. .05
 244 **Calendula, Prince of Orange.** Flowers striped with an intense, glowing shade of orange. .05
 245 **Meteor.** Cream white, edged with orange. .05
 246 **Large-flowered.** Flowers dark orange-red, very large and remarkably double. .10
 247 **African.** .05
 248 **French.** .05

Maurandia. (A.)

A delicate, free-flowering climber, for the conservatory or trellis work in the garden; also desirable for hanging baskets. Start early in pots, transplant when the weather becomes warm.

- 249 **Maurandia, Barclayana.** Rich Violet. .05
 250 **Mixed.** Violet, white, rose and pink. .05

Mignonette. (A.)

A general favorite, on account of its delightful fragrance. Blooms throughout the season. Sow from middle of April to middle of June. Mignonette is most fragrant on poor soil.

- 251 **Mignonette, Myles' Hybrid Spiral.** Plant dwarf and branching; flowers white and very fragrant, spikes eight to fourteen inches long. Fine for either out-door or pot culture. .10
 252 **Machet.** Plants dwarf and vigorous, of pyramidal growth, with broad spikes of very fragrant red flowers. The best sort for pot culture, and equally valuable for borders. .10
 253 **Allen's Defiance.** Spikes of remarkable size, and deliciously fragrant, much more so than any other variety, and they retain their grace and fragrance until every bud opens. .10
 254 **Mignonette, Golden Queen.** .10
 255 **Sweet.** .15
 256 **Golden Gem.** Plants of dwarf regular pyramidal growth, with beautifully formed spikes of golden-yellow flowers. .10

Morning Glory. (*See Convolvulus Major*.)

MIMULUS. (*Monkey Flower*). (P.)

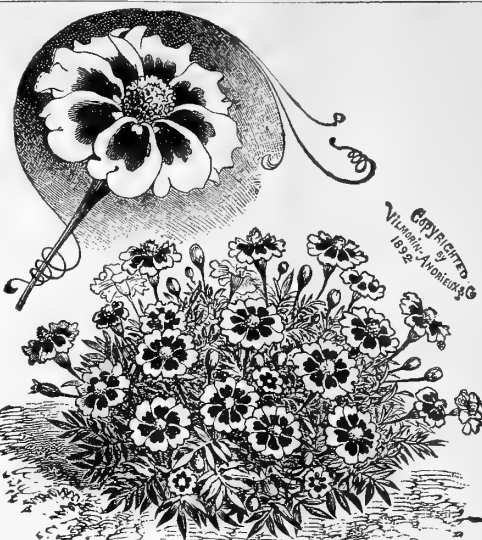
A half-hardy plant, of the easiest culture, about nine inches high, producing a profusion of very pretty flowers. It is perennial in the green-house, and may be easily propagated by cuttings. Select a moist, rather shaded location.

- 257 **Mimulus, Cardinalis.** Scarlet. From California; one foot. .05
 258 **Hybridus.** Splendidly spotted and marbled, rivaling the *Calceolaria* in the variety of its brilliant colors. .10
 259 **Moschatus** (*Musk Plant*). .05
 Much esteemed for the strong musk odor of its leaves.

Mourning Bride (*Scabiosa*). (A.)

A class of very pretty annuals, from one to two feet high, suitable for bedding or bouquets. Hardy.

- 260 **Mourning Bride, Snowball.** Pure White. Very large, and extremely double; fine for cutting. .10
 261 **Golden.** Golden-yellow, flowers scarlet and dark purple. .05
 262 **Flesh-colored.** New and lovely tint. .05
 263 **Mixed.** .05
 264 **Golden Yellow.** Plants semi-dwarf, producing in great profusion golden-yellow double flowers. .10



MARIGOLD, LEGION OF HONOR.

NASTURTIIUM. (A.)

TALL VARIETIES.

- | No. | | Price per pkg.
oz. |
|-----|---|-----------------------|
| 265 | Nasturtium, Tall, Mixed. | .15 .05 |
| 266 | "Vesuvius." A dazzling fiery-rose. | .10 |
| 267 | Scheuerianum. Straw-colored striped brown. | .20 .05 |
| 268 | Coccineum. Brilliant Scarlet. | .20 .05 |
| 269 | Dunnett's, Orange. | .20 .05 |
| 270 | Atropurpurea. Dark blood Crimson. | .20 .05 |
| 271 | King Theodore. Maroon. | .25 .05 |



MARIGOLD, EL DORADO.

- 272 **Brownish lilac.** .20 .05
 273 **Madam Gunter.** (*See cut page 57.*) Remarkable for great richness of color in shades of rose, salmon, bright red and pale yellow; also spotted and striped. .10

DWARF VARIETIES.

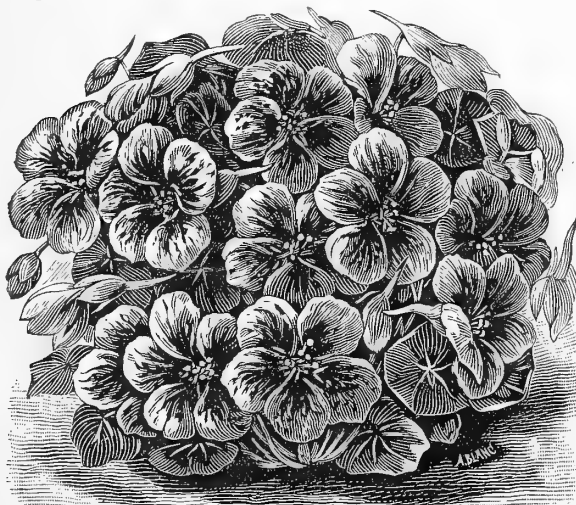
- 274 **Nasturtium, Dwarf, Mixed.** .20 .05
 275 **Prince Henry.** (*See Cut.*) Flowers very large, of a beautiful yellow, marbled and spotted with brilliant crimson and frequently tipped with dark red. Plants grow very bushy, literally covered with flowers from early summer until frost. .20 .05
 276 **Ruby King.** Carmine. .25 .05
 277 **Spotted King.** Yellow, spotted chocolate. .20 .05
 278 **Empress of India.** Brilliant Scarlet. Dark foliage. .20 .05
 279 **Cloth of Gold.** Golden foliage, flowers scarlet. .20 .05
 280 **Chameleon.** Crimson, Bronze and Yellow. .20 .05
 281 **Rose.** 282, Yellow; 283, White; each. .20 .05
 284 **King of Tom Thumbs.** Scarlet, with bluish-green foliage. .20 .05

Lobb's Nasturtium. (Tall.)

Leaves and flowers not as large as the ordinary tall *Nasturtium*, but far surpassing them in profusion and brilliancy of flower, making them desirable for trellises, etc.; also fine for pot culture.

- 285 **Lobb's Nasturtium, Mixed.** In great variety of color. .10
Nolana. (A.)

- 286 Very pretty trailing, hardy annuals, fine for rockwork, hanging baskets, or for bedding. Mixed colors. .05



NASTURTIIUM, PRINCE HENRY.



PETUNIA, HYBRID SNOWBALL.

No.

Oxalis. (P.)

Price per pkg.

A splendid class of plants, suitable for hanging pots or rustic baskets. Particularly adapted for the parlor, where they bloom in midwinter. Half hardy.

- 287 **Oxalis Rosea.** Rose-colored flowers; blooms abundantly.... .05
 288 — **Tropaeoloides.** Deep yellow flowers, with brown leaves.. .05

PANSY (Heart's-ease). (B.)

- 289 **Pansy, Carter's Peacock.** A beautiful and striking variety. The upper petals of the flowers are of a beautiful ultramarine, closely resembling the peculiar shade of this color in the feathers of the peacock..... .15
 290 — **Fiery Faces.** Color purple-scarlet, with yellow margin and yellow eye. The three lower petals are regularly marked with large velvety purple-black spots..... .20
 291 — **Woodbury's Finest German.** Mixed. Spotted, marbled and striped. Unsurpassed in their almost endless variety of shades and brilliant coloring..... .15
 292 — **Cardinal.** The nearest approach to a bright red yet attained. Flowers of brownish scarlet, with dark spots on the three lower petals; very showy..... .10
 293 — **Cassier's Giant.** Gigantic flowers, beautifully blotched, and borne well above the foliage on strong stems. A rich and showy strain..... .20
 294 **Pansy, Giant Yellow.** Spotted. A new and distinct variety of the five-blotched Cassier tribe; flowers very large, of a pure golden-yellow, with a dark blotch on each petal..... .20



PETUNIA HYBRIDA, LARGE-FLOWERING.

No.		Price per pkg.
295	— Bugnot's Suberb Blotched. Very beautiful, extra large flowers, with broad blotches; two upper petals finely lined....	.20
296	— International Paris. A superb strain, comprising magnificent varieties. Selected as being the best exhibited in the grounds of the Paris exhibition.....	.10
297	— "Lord Beaconsfield." Color purple-violet, shading off in the top petals to a whitish hue, giving the flower an unusually bright and striking appearance.....	.05
298	— Odier, or Five Blotched. A beautiful prize Pansy of great variety of color and markings, each petal being most beautifully blotched or marked.....	.10
299	— Emperor William. Flowers of a rich ultramarine blue....	.10
300	— Trimardeau, or Giant Pansies. Mixed. Distinct and splendid race, of vigorous and compact growth. Flowers of perfect form and immense size. Extra fine strain.....	.15
301	— Trimardeau Striped. Extra large flowering. New; very fine.....	.15
302	— Trimardeau, Giant Yellow. New, with large black eye. Very beautiful, and remarkably showy.....	.20
303	— Pure white......	.10
304	— King of Blacks. Deep coal black.....	.05
305	— Bronze colored......	.10
306	— Gold margined......	.10
307	— Fine Mixed......	.05
308	— Extra choice mixed......	.10
309	— Gregory's Extra choice Mixture. This contains selections from the very best varieties.....	.20

1 package each of Nos. 289, 291, 295, 306, for 45 cents.

Passion Flower.

Handsome, rapid-growing climber, for greenhouse or sunny location in the open ground in summer.

- 310 **Passiflora Corulea Grandiflora.** Large flowers of violet and blue..... .10



MOURNING CLOAK PINK.

Perilla Nankinensis. (A.)

- 311 Beautiful dark green foliage, fine for ribbon planting or massing..... .05

PETUNIA. (P.)

For brilliancy and variety of colors, and the long duration of their blooming period, Petunias are indispensable in any garden; also highly prized for pot culture.

- 312 **Petunia, Hybrid Snowball.** (See Cut.) A very dwarf variety, with beautiful, large, satiny-white flowers, covering the plant with bloom. Admirably adapted for bedding and pot-culture..... .15
 313 — **Large-flowering, yellow throated.** Mixed. The flowers are of large size, of faultless form, with a broad and deep yellow throat, beautifully veined..... .25
 314 — **Superbissima Nigra.** Gorgeous dark red flowers, with large jet black throat. Very fine..... .20
 315 — **Hybrida, Large-flowering Striped. Fringed.** (See Cut.) Splendid large-flowering Petunias, most of them dazzling red or purple, and all striped with white, which gives them a peculiarly striking aspect. They are absolutely distinct from the striped Petunias hitherto known..... .20
 316 — **Vilmorine's Hybrid Large-flowering Striped.** Flowers beautifully striped, variegated and spotted. Remarkable for rich colors and large size..... .15
 317 — **Fringed.** Satiny white, blotched with purplish crimson... .15
 318 — **Fringed and veined.** Rose, veined with black..... .15
 319 — **Fringed.** Largest flowered, mixed in great variety..... .15
 320 — **Fine Mixed.**..... .05
 321 — **Extra Choice Mixed.**..... .10

Phaseolus. (A.)

- 322 **Phaseolus Caracalla.** A beautiful climber for the garden or greenhouse. Flowers bluish lilac, valued by florists for their delicious fragrance and resemblance to Orchids. Start seed early, in pots or under glass..... .05

PHLOX DRUMMONDII. (A.) Price per pkg.

In its great variety of rich colors, probably the most brilliant of all annuals. Fine for bedding, making a dazzling show throughout the entire season.

323 **Phlox Drummondii. Mixed Colors.**.....per 1 4 oz., 15 oz. .50 .05

Large-flowering Varieties.

Magnificent class. Flowers as large as those of the perennial Phloxes.

324 **White**..... .08 327 **Yellow**..... .08
325 **Deep Purple**..... .08 328 **Large-flowering, Mixed**..... .08
326 **Bright Scarlet**..... .08

One package each of the four named varieties for .25.

Dwarf Varieties.

329 **Fireball. Very Brilliant**..... .10 331 **Heynholdii. Mixed. Very**
330 **Snowball. Fine White**..... .10 dwarf and compact; fine for
pot culture..... .10

Fimbriata.

332 **Petals toothed, beautifully fringed and distinctly margined with white. Mixed**
colors..... .15

New Star Phlox (*Cuspidata*.) (See Cut.)

333 The flowers of this new sort, with their long pointed petals and broad white margins, have a beautiful star-like appearance. Many and wonderfully brilliant colors mixed..... .10

Phlox Decussata (*Hardy Perennial*.)

334 **Choice Mixed Varieties. Extra Fine**..... .10

Physalis Francheti, or New Giant Winter Cherry.

335 A new, distinct variety, attaining a height of 18 to 24 inches. Out of the pretty foliage appears the splendid, brilliant orange-scarlet capsules. These capsules are globular, 2½ inches across, and contain fruit like a cherry in shape and color. This valuable novelty will become extremely popular as a fruit for preserving, as an ornamental plant for the garden, and for indoor winter decoration. If grown in pots, it makes an exceedingly pretty house plant..... .10

PINKS.

These favorite flowers are unrivaled for brilliancy and variety of color. Very showy for bedding, bordering, etc.

336 **Pink Carnation, Therese Franco. (P.)** Plants robust and compact. Flowers

upright, perfectly double, very fragrant; of a beautiful satiny rose, frosted with white, flushed with salmon, and sometimes striped and lined with pure white. We highly recommend this variety to florists..... .20

337 **Carnation. (P.) Double Finest, Mixed.** Color extremely rich and beautiful. Seed saved from choice collection..... .15

338 **Picotée. (P.) Choicest Varieties, Mixed.** Very beautiful, combining the most perfect form with the richest of colors..... .20

339 **Jean Sisley. (P.) Double salmon yellow.** Package of twenty seeds..... .15

340 **Margaret Carnation. Mixed.** (A Carnation that blooms in summer from seed sown early in the spring.) The plants of this new Carnation are very compact, do not require support, and are most abundant bloomers. The flowers are deliciously fragrant, very double, of brilliant colors, ranging through many beautiful shades of reds, pinks, whites, variegations, etc. The seedlings bloom when only five months old, and flowers can be had all summer and winter, if some consecutive sowings are made. This Carnation is deservedly growing in favor year by year..... .10



SHIRLEY POPPIES.

348 **Heddewig's Double. Mixed.** Large flowers, three inches in diameter: beautiful, rich colors, finely marked and marbled..... .05

349 **Chinese, Finest Double. Mixed**..... .05

350 **Double Diadem.** Very fine double flowers, magnificent in colors, beautifully edged and marbled..... .05

351 **Double Imperial. Snowball.** Charming double fringed flowers of purest white..... .10

352 **Eastern Queen.** Very large single flowers, beautifully fringed and marbled with light and dark mauve..... .05

353 **Crimson Belle.** Magnificent single fringed flowers of a velvety crimson..... .05

354 **The Bride. (Little Gem.)** White with deep purplish-red centre. Large single flowers nicely fringed..... .05

355 **Double Fringed and Striped. Mixed**..... .05

POPPY. (A.)

356 **Poppy, Glaucum. (Tulip Poppy.)** From a mere description, no adequate idea can be formed of the strikingly beautiful effect produced by a bed of these brilliant scarlet poppies in full bloom, the color being of such growing richness as to perfectly dazzle the eye..... .10

357 **English Scarlet.** The common field poppy of England..... .05

358 **White Swan.** Flowers of fabulous size, very double, lacinated, beautifully shaped and of the purest possible white, and continues longer in bloom than other Poppies..... .05

359 **Umbrosom.** Very fine, with flowers of a brilliant deep scarlet, marked with four large black spots..... .05

360 **Double. Mixed.** Brilliant and showy; about two feet high; fine for background and shrubbery..... .05

361 **Fairy Blush.** Immense globular flowers; perfectly double, petals elegantly fringed; color, pure white, tipped with rose..... .10

362 **"Danebrog."** The flowers are of a brilliant scarlet color, bearing on each of the four petals a large silvery-white spot, forming thus a white cross on scarlet ground, similar to the Danish or Swiss national banners..... .05

363 **Crocum. (P.) Orange-yellow,** large and very double..... .10

364 **The Shirley Poppies. (See Cut.)** A beautiful new strain of annual Poppies. Flowers single and semi-double, in colors extending from pure white through the most delicate shades of pink, rose and carmine to deepest crimson, and many are most delicately edged, shaded and striped..... .10

365 **Iceland Poppies. (P.)** Flowers deliciously fragrant, ranging in color from pure white and yellow to glowing orange and scarlet, flowering in great abundance the first year from seed..... .10



NEW STAR PHLOX.

No. Price per pkg.

341 **Pink Margaret, Rose**..... .10

342 **— Margaret, White**..... .15

343 **— Margaret, Yellow**..... .15

344 **— "Guillaud." Strain. Mixed.** This mixture contains a fine variety of colors including clear yellow and others with yellow stripes. Very fragrant..... .20

Summer Blooming Varieties.

345 **— Pink Laciniatus, Dwarf**

Mixed. (See Cut.) A new, rather dwarf strain of the Single Annual Pinks, with fringed petals. The flowers, varying in all shades from white to deep rose, and even to purplish-red, are all more or less tinged with bright salmon, and are distinguished by a dark ring round the centre..... .10

346 **— Mourning Cloak. (See Cut.)**

Very beautiful, with large double flowers of a blackish purple, fringed and sharply margined with white..... .05

347 **— Laciniatus, Finest Double.**

Mixed. Magnificent double flowers; very large and beautifully fringed. Seed saved only from the finest flowers..... .10



PINK LACINIATUS DWARF MIXED.

One package each Nos. 328, 342, 351 and 365 for 30 Cents.

- No. **Portulaca.** (A.) Price per pkg.
 Sow early in warm, light soil, and thin plants to four inches.
- 366 **Portulaca, Scarlet**..... .05
 367 — **Crimson**..... .05
 368 — **Mixed**.....per oz. .40 .05
 369 — **White**..... .05
 370 — **Yellow**..... .05
 371 **Large-flowered, Double**..... .05

Primula. (P.)

Beautiful low growing, spring-flowering plants, for borders or pot culture. The flowers are borne in clusters on stalks four to eight inches high. The English Primrose is perfectly hardy, but the other varieties should be protected over winter.

- 372 **Primula Sinensis.** (Chinese Primrose.) Splendid mixed..... .20
 373 — **Auricula.** Flowers very fragrant, of rich colors, each having a clear white or light colored-eye. Finest varieties mixed from named flowers..... .15
 374 — **Vulgaris.** (English Primrose.) The old favorite yellow Primrose..... .05
 375 — **Elatior. Mixed.** (Polyanthus.) Early blooming, for spring beds or pot culture..... .10

Pyrethrum Roseum. (P.)

- 376 **Pyrethrum Roseum.** The flowers, gathered, dried and pulverized, form the true "Persian Insect Powder," so much in demand..... .05

Ricinus (Castor Oil Plant.) (A.)

A highly ornamental, half hardy annual, growing from four to six feet high, presenting quite a tropical appearance. Select warm, dry soil, and plant six feet apart.

- 377 **Ricinus. Finest Mixed**..... .05
 378 — **Zanzibariensis.** (Zanzibar Castor Beans.) (See Cut.) The plants of this new and distinct class attain great dimensions, presenting a splendid aspect with their gigantic leaves, which range from brilliant coppery-bronze to light and dark green; the ribs also are of bright colors, making a beautiful contrast with the leaves..... .10

RODANTHE. (A.)

A beautiful and charming everlasting flower. The flowers when gathered as soon as they are opened, are very desirable for winter bouquets, retaining their brilliancy months.

- 379 **Rodanthe, Double White.** Pure white double variety..... .10
 380 — **Maculata, Single.** Mixed..... .05

The Little Daisy, Fairy or Midget Roses.

(Rosier Multiflora Nain Remontant.)

Roses that bloom freely the first season from seed.

- 381 **Dwarf bushy plants,** about ten inches high, hardy and of easy cultivation; belonging to the Polyantha or many-flowered class. The flowers are only about an inch across, growing in clusters, and are double, semi-double and single, displaying almost all the shades known in cultivated roses. The plants commence blooming in a few weeks after the seed is sown, but their beauty increases the second and following years..... .25

Salpiglossis Grandiflora,**Mixed. (A.)**

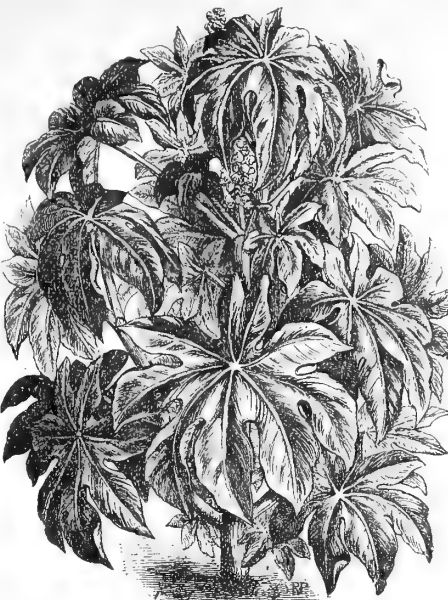
- 382 **Flowers** from two to three inches in diameter, most vividly marked, spotted and striped on ground colors of deep blue, rose, violet, yellow, reddish-bronze, purple, etc. In rich coloring they vie with Orchids. Very effective in the sunlight, which brings out the beautiful tints and veinings. Start early in hot-bed, and transplant to light, warm, rich soil..... .10

Salvia. (A.)

- Very ornamental plants, two feet high, producing tall spikes of gay flowers. Sow early in hot-bed, and transplant two feet apart. Half hardy.
- 383 **Salvia Grandiflora Bicolor.** Foliage variegated with white; flowers white and rose, with scarlet tip..... .05
 384 — **Mixed**..... .05
 385 — **Coccinea.** Splendid scarlet..... .05

Sanvitalia. (See Cut.) (A.)

- 386 **Beautiful dwarf-growing,** plants densely covered with perfectly double-golden flowers, of great value for beds and masses of low growth..... .05



RICINUS ZANZIBARIENSIS.



SANVITALIA. semi-double and single, displaying almost all the shades known in cultivated roses. The plants commence blooming in a few weeks after the seed is sown, but their beauty increases the second and following years..... .25



SINGLE ANNUAL WALLFLOWER.

- No. **Sensitive Plant.** Price per pkg.
 (Mimosa Sensitive.) (A.)

- 387 **A pretty, curious plant,** being so sensitive that the leaves close together by the slightest touch..... .05

Smilax. (P.)

- 388 **There is no climbing plant in cultivation** that surpasses this in beauty and grace, and habit of foliage. Extensively used for bouquets and floral decorations..... .05

Snapdragon (Antirrhinum). (P.)

An old garden favorite of easiest culture; very showy, flowering the first season from seed, and yielding an abundance of fine flowers for cutting.

- 389 **Snapdragon, Tall. Mixed**..... .05

- 390 — **Majus Grandiflorum, Mixed.** A new strain with very large flowers. We offer a splendid mixture containing a great variety of rare and remarkable shades not hitherto seen in the old collections..... .10

Stocks.

Half hardy annuals, producing splendid spikes of very rich and beautiful flowers, of delightful fragrance. For early flowering sow early in spring, in pots or in the hot-bed, and transplant one foot apart. Bloom from June until November.

- 391 **Stocks, Princess Alice.** Snow white. This variety, also known as "Cut and Come Again" and "White Perfection," grows about two feet high, is of very branching habit, and if sown early will produce from June until November a great abundance of very large, beautiful, pure white flowers, which are replaced as they are cut..... .10

- 392 — **Victoria, Ten Weeks.** (Deep blood-red.) Every plant forms a perfect pyramidal-shaped bouquet, completely covered with beautiful, bright, fine double flowers..... .10
 393 — **Dwarf German. Finest Mixed**..... .05
 394 — **Ten Weeks, Double. Mixed**..... .05
 395 — **Dwarf, Large-flowering. Finest Mixed.** Very double. One of the finest Stocks in cultivation..... .10

Sunflower (Helianthus). (A.)

- Well known hardy annuals, with large, showy flowers.
- 396 **Sunflower, 'Thousand Flowered.'** This new Sunflower attains a height of from twelve to fifteen feet; is richly branched from base to summit, each branch bearing a multitude of medium-sized golden-yellow flowers, with small black centres. Planted singly on lawns or in the garden it is very effective..... .10
 397 — **Sulphur-yellow.** A beautiful variety, growing about five feet high; flowers of a delicate sulphur-yellow, with black centres..... .05
 398 — **Texas Silver Queen.** A marvel when in full bloom, forming perfect pyramids, literally covered with flowers, which contrast strikingly with the silver-gray foliage..... .05
 399 — **Dwarf Double.** Very ornamental, growing about four feet, and producing large double flowers..... .05

Swan River Daisy (Brachycone). (A.)

- 400 **Very pretty tree-flowering, dwarf-growing annuals,** well adapted to edgings, rustic baskets, or for pot culture..... .05

Sweet Clover. (A.)

- 401 **Sweet Clover.** Valuable for its fragrance..... .05

Sweet Sultan (Centaurea). (A.)

- Very showy, one to two feet high, succeeding well in any soil.
- 402 **Sweet Sultan, Mixed**..... .05

- 403 — **Yellow.** The most beautiful Sweet Sultan. Flowers remarkably long-lived, very fragrant, and golden in color..... .05

Sweet William. (P.)

Well known, beautiful, hardy perennials, about one foot high, making a most splendid appearance in May and June.

- 404 **Sweet William, Single. Mixed**..... .05
 405 — **Double. Mixed**..... .10
 406 — **Auricular Eyed**..... .05

Thunbergia. (A.)

Very ornamental trailing or climbing half hardy annuals, admirably adapted for trellises or rustic work, or for the conservatory. A great acquisition for hanging baskets.

- 407 **Thunbergia. Mixed.** Flowers white and salmon, with rich maroon centres..... .05

Tritoma Uvaria. (P.)

(Red Hot Poker Plant.)

- 408 **A splendid evergreen perennial,** producing flower stems four or five feet in height surmounted with spikes of red and yellow flowers. Remove the plants to the cellar in autumn..... .10

No.

SWEET PEAS.

Price per pkg.

These well-known universal favorites have been much improved, the last few years, in size and variety of colors, and for beauty and fragrance cannot be surpassed, embracing, as they do, every shade of color most delicately tinged and variegated. Sow in drills as early as possible in the spring in rich soil. Make a furrow six inches deep, sow the seed and cover about two inches. As soon as the plants begin to show, fill in the furrow. This deep planting will enable the vines to stand the heat of summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season.

- 409 **Sweet Peas, Emily Henderson.** Flowers extra large, very fragrant, and absolutely pure white. Unexcelled in earliness and long continued bloom. $\frac{1}{4}$ lb., 20c.; per oz., 8c. .03
- 410 **Extra Early Blanche Ferry.** (New.) Large pink and white flowers; ten days earlier than any other variety. $\frac{1}{4}$ lb., 20c.; per oz., 8c. .03
- 411 **Celestial.** Delicate azure blue. per oz., 10c. .06
- 412 **Gray Friar.** Light gray; distinct. per oz., 10c. .05
- 413 **Ramona.** Creamy white, flaked with soft pink. per oz., 10c. .05
- 414 **Firefly.** Deep brilliant scarlet; large flower and profuse bloomer; per oz., 10c. .05
- 415 **Dorothy Tennant.** Largest type of flowers; color, rosy mauve; per $\frac{1}{4}$ lb., 25c. per oz., 10c. .05
- 416 **Mrs. Jos. Chamberlain.** Striped, bright rose on white; per $\frac{1}{4}$ lb., 25c.; per oz., 10c. .05
- 417 **Senator.** Light brown and chocolate, shaded and striped on white; per $\frac{1}{4}$ lb., 25c.; oz., 10c. .05
- 418 **Red and White Striped.** per $\frac{1}{4}$ lb., 20c.; oz., 10c. .05
- 419 **Red Riding Hood.** A new departure in form, a close imitation of a diminutive hood, rosy pink shading to bluish-white. per oz., 10c. .05
- 420 **Royal Robe.** Fine shell-formed flower of deep rosy pink; per $\frac{1}{4}$ lb., 25c.; oz., 10c. .05
- 421 **Blanche Burpee.** Pure white, of most exquisite form, immense in size; a wonderfully free bloomer. per $\frac{1}{4}$ lb., 25c.; oz., 10c. .05
- 422 **All Colors Mixed.** In this mixture will be found the finest varieties. Per lb., express, 32c.; per lb., postpaid, 40c.; per $\frac{1}{4}$ lb., 12c.; per oz., 5c.

Eckford's Large-flowering Hybrids.

Much larger than the ordinary varieties, and presenting many beautiful combinations of markings and colors.

- 423 **Captain of the Blues.** Bright blue, with pale blue wings. per oz., 10c. .05
- 424 **Mrs. Gladstone.** Delicate pink, wings bluish, edged with pink. Exquisite. per oz., 10c. .05
- 425 **Stanley.** Deep maroon, large and of finest form; by far the finest dark variety. per oz., 10c. .05
- 426 **Lovely.** Flowers large, of a soft-shaded shell-pink; per oz., 15c. .10
- 427 **Coquette.** Rich primrose, tinted with apricot; per oz., 15c. .10
- 428 **Crown Jewel.** Cream-primrose ground, shaded and veined with violet-rose. per oz., 15c. .10
- 429 **Little Dorritt.** Large expanded flower of bright, rosy pink, with white wings. per oz., 15c. .10
- 430 **Mrs. Eckford.** Beautifully shaded primrose yellow, the best yellow up to date. per $\frac{1}{4}$ lb., 25c.; oz., 10c. .05
- 431 **Captivation.** Rosy purple, inclining to light magenta in the sunlight, the shadings are beautiful; $\frac{1}{4}$ lb., 25c.; oz., 10c. .05
- 432 **Eliza Eckford.** Very beautiful. Standards; bluish pink, shaded with deep pink; wings bluish white veined with rose. per $\frac{1}{4}$ lb., 25c.; oz., 10c. .05
- 433 **Eckford's Large-flowering Hybrids. Mixed.** Per lb., express, 47c.; per lb., postpaid, 55c.; per oz., .08. .03

Venus Looking-glass. (A.)

A very pretty, hardy annual, succeeding well in any soil. Grows about one foot high, and is well adapted for borders.

- 434 **Mixed Colors**05

Vinca. (P.)

Beautiful bushy plants, completely covered with flowers the entire summer; foliage evergreen. Start the seed in hot-bed.

- 435 **Vinca. Mixed**10



ZINNIA GRANDIFLORA PLENISSIMA.



SWEET PEAS.

Viola Odorata. (Sweet Violet.) Price per pkg.

- 436 Beautiful, fragrant, hardy plants, for beds and edgings, in moist, shady situations.10

Virginian Pigmy Stock. (A.)

Extremely pretty, profuse-flowering little plants, remarkably effective in small beds, baskets or edgings.

- 437 **Virginian Stock. Rose and white mixed**05

Wallflowers. (B.)

Very fragrant and ornamental, tender biennials, suitable for background and amongst shrubbery.

- 438 **Wallflower, Single. Mixed**05
- 439 **Double. Mixed**10

Early Single Annual Wallflower.

(See cut on page 61.)

- 440 This new annual Wallflower, if sown in March in pots or hot-bed, will commence flowering in June, and continue its splendor till late in autumn. Flowers of a beautiful orange red, and very fragrant.15

Xeranthemum. (A.)

Very showy, free-flowering everlasting flowers.

- 441 **Double. Mixed**05

VERBENA. (A.)

Well-known and universally popular bedding plants, blooming all summer. The most brilliant, with the exception of Phlox Drummondii, of all the annuals.

- 442 **Verbena Hybrida Compacta Violacea.** Blue flowering, dwarf, compact variety.05
- 443 **Candissima Nana Compacta.** Very dwarf, pure white.10
- 444 **Bright Scarlet, White Centre.** The trusses of the flowers are of large size, with centres well marked.05
- 445 **Mammoth.** Splendid large flowers, none measuring less than the size of a twenty-five cent piece, and many larger; in beautiful shades of pink, red and white.15
- 446 **Purple Cloak.** Large trusses of deep velvety purple flowers; clear white centre.10
- 447 **Hybrida. Cloth of Gold.** Golden yellow foliage, with bright scarlet flowers.10
- 448 **Fine Mixed**05
- 449 **Finest Mixed**10

ZINNIA. (A.) (Youth and Old Age.)

A most splendid class of hardy annuals, succeeding well in any soil, and making a brilliant show. Start early in pots or under glass, and transplant one foot apart. The same flowers will retain their beauty weeks, and a profusion will be produced until frost.

- 450 **Zinnia Elegans Grandiflora Plenissima. (New Giant Zinnia.)** Extremely double globe-shaped flowers, from five to six inches in diameter, of striking and brilliant colors.10
- 451 **Grandiflora Plenissima Striped. (See Cut.)** Very showy and beautiful. A great improvement on the Zebra Zinnias.10
- 452 **Tall.** Finest varieties, double mixed.05
- 453 **Double White**05
- 454 **Dwarf. Double White.** Very desirable for its regularity of growth and beautifully shaped flowers.05
- 455 **Haageana.** Dwarf single variety; yellow flushed with orange. Valuable for beds, edgings or borders.05
- 456 **Tom Thumb. Double Mixed.** Very compact and free-flowering.05
- 457 **Double Lilliput. Mixed.** Among the most charming of recent introductions. Very compact, forming thickly branching little plants about a foot and a half high which fairly bristle with very double flowers of every shade and color, and hardly exceeding a large daisy in size.10

FLOWER SEED COLLECTIONS.

For the convenience of those who prefer to leave the selection to us, we offer the following collections. Persons thus purchasing can make a greater display at a much less price than ordering separate packages. These collections are not subject to any discount from the prices given below, and varieties are always to be of our selection.

COLLECTION A.

10 Pkts. of Beautiful Annuals for 25 cts.

Asters.
Sweet Alyssum.
Mignonette.

Balsams.
Phlox.

Coreopsis.
Morning Glory.
Nasturtium, Tall.

Poppy.
Pinks.

COLLECTION B.—PINKS.

6 Pkts. Summer Blooming Varieties for 25 cts.

Single and Double, including Margaret Carnation.

COLLECTION C.—SWEET PEAS.

15 Pkts. Choice Desirable Kinds for 40 cts.

Including several packages of Eckfords.

COLLECTION D.

15 Pkts. Choice Annuals, Biennials, and Perennials for 40 cts.

Asters, Victoria Mixed.
Zinnia.
Delphinium.
Centrosema Grandiflora.
Iceland Poppies.
Phlox.
Pansy.

Marigold El Dorado.
Mignonette.
Tall and Dwarf Nasturtium.
Candytuft, Mixed.
Calceanthema, "Cup and Saucer," Mixed.
MARGARET CARNATION.

COLLECTION E.

5 Pkts. of Easily Grown Annuals for 10 cts.

Calendula, Zinnia, Mignonette, Morning Glory, Candytuft.

Please Notice that We are Offering these Collections at a Great Reduction from the Regular Catalogue Price.

MIXED FLOWER SEEDS, FOR WILD GARDENS.

A splendid mixture of over 100 sorts of beautiful free-blooming hardy flowers which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and every-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price, per $\frac{1}{2}$ ounce, 20 cents; per package, 5 cents.

Purchasers who prefer to make their own Selections of Flower Seeds are referred to the following Prices:

For \$1.00, seeds IN PACKETS may be selected to value of	\$1.30
" 2.00 " " " " " "	2.70
" 3.00 " " " " " "	4.20
" 4.00 " " " " " "	5.65
" 5.00 " " " " " "	7.20

ALL FLOWER SEEDS SENT BY MAIL, POSTPAID, ON RECEIPT OF PRICE.
Prices for Flower Seed, per oz., given on application.

FOR FALL PLANTING.

MISCELLANEOUS BULBS.

READY IN OCTOBER.

HYACINTHS.

The most beautiful and fragrant of the Holland Bulbs. Plant in the garden in October or November from three to four inches deep, and protect from frost. For house culture plant the bulbs even with the surface, in good sandy soil, water freely, and set away in a dark cellar for about six weeks. When placed in glasses, the water should only just touch the base of the bulb.

Double Blue.....	Each, .06	Per doz., .60	Single Red.....	Each, .06	Per doz., .60
Single Blue.....	" .06	" .60	Double Yellow.....	" .07	" .70
Double White.....	" .06	" .60	Single Yellow.....	" .06	" .70
Single White.....	" .06	" .60	Single Mixed.....	" .03	" .55
Double Red.....	" .06	" .60	Double Mixed.....	" .03	" .55

TULIPS.

Plant in October or November, five or six inches apart, and three inches deep.

Duc von Tholl Tulips. Mixed.....	Each, .03	Per doz., .30
Parrot Tulips. Choice colors.....	" .03	" .30
Choice Mixed Double Varieties.....	25 cents per dozen ;	\$1.50 per 100
Choice Mixed Single Varieties.....	25 cents per dozen ;	\$1.50 per 100

CHIONODOXA LUCILLÆ.

One of the most beautiful flowering bulbous plants ever introduced, producing spikes of lovely azure-blue flowers, with pure white centres. Price, 3 cents; per dozen, 20 cents.

FREESIA REFRACTA ALBA.

A beautiful plant for parlor culture. Flowers pure white, with yellow blotched throat, and exquisitely scented. Valuable for cut flowers. Treat as hyacinths. Each, 3 cents; per dozen, 25 cents.

Chinese Narcissus (Sacred Lily of China).

Flowers white, with yellow centre, very freely produced, and are successfully grown in water. Shallow dishes should be used, into which put an inch of gravel; on this set the bulb, fill in with small stones, and keep the dish full of water. Each, 15 cents.

RANUNCULUS (Double Buttercup).

Plant three inches deep, and cover, before the ground freezes, with four inches of leaves, as they are not very hardy.

Ranunculus, Persian. Best, Mixture.	Each, .03	Per doz., .25
Ranunculus, Improved French Suberb.	Each, .03	Per doz., .25

NARCISSUS, or DAFFODILS.

Plant five inches deep, and cover with three inches of leaves.

Poeticus, or Pheasant's Eye. Pure White cup, edged with red, splendid....	Each, .03	Per doz., .25
Trumpet Major. Golden yellow trumpet.....	" .04	" .40
Double.		
Alba Plena Odorato. White, sweet scented.....	" .04	" .40
Von Sion. The double yellow daffodil, fine.....	" .04	" .40

Polyanthus.

(Desirable for House Culture.)

Gloriosa. White, with orange centre.....	" .06	" .60
Grand Soleil d'Or. Golden yellow.....	" .06	" .60

CROCUS.

Cloth of Gold. Bright yellow.....	Per doz., .10	Per 100, .50
Striped Sorts. Mixed.....	" .10	" .50
All Colors	" .10	" .45



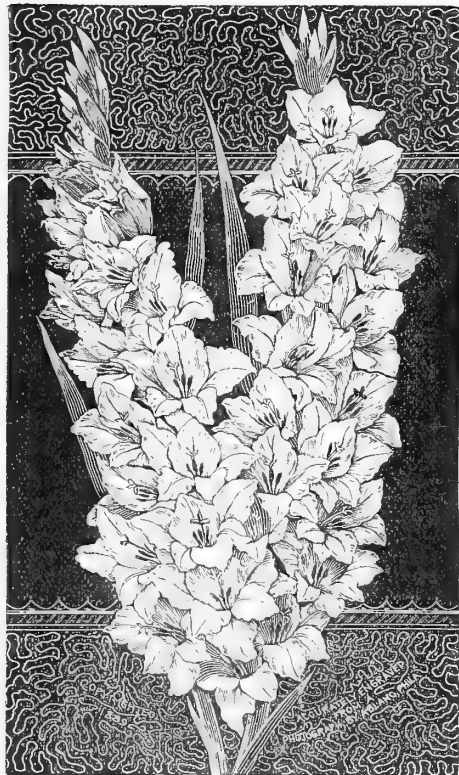
FREESIA REFRACTA ALBA.



GROUP OF NARCISSUS.

SUMMER FLOWERING BULBS AND PLANTS.

Prices Except Where Otherwise Noted Are Per Mail Postpaid.



SNOW-WHITE GLADIOLUS.

Plant either in spring or fall, except *Candidum* and *Harrisii*, which are for fall planting only.
Plant deep where they are to remain; in winter cover four inches deep with leaves or straw; feed them well.

	Price, postpaid, each.	Per doz.
Melpomene. Beautiful almost beyond description. Frosted white, spotted, clouded and bearded with pinkish crimson	\$.25	\$2.25
Auratum Golden-Rayed Japan. Blooming in great profusion, and deliciously fragrant.	.15	1.25
Candidum. Very hardy; snow-white and fragrant. Fine for forcing.	.15	1.25
Harrisii. (<i>Bermuda Easter Lily</i>). (See cut.) Flowers large, trumpet shaped, of a pure waxy white; an incredibly free bloomer.	.20	2.00
Rubrum. Rose, spotted with crimson	.15	1.25
Wallacei. (New.) A magnificent Japanese variety, with beautiful clear buff flowers, spotted with black.	.10	1.00
Umbellatum. Twenty-five varieties mixed; robust growers and great bloomers. Colors range from buff, rose, crimson, yellow, to almost black.	.12	1.00

CLEMATIS.

- Jackmanii.** Flowers large, intense velvety purple, four to six inches in diameter. The dazzling effect of this elegant vine when in blossom cannot be described. Perfectly hardy. Price, 60 cents each, postpaid.
- Henryii.** Strong, vigorous grower, with large, creamy white flowers. Each, 50 cents, postpaid.
- Paniculata.** Japanese variety, of rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers pure white, from three-quarters to an inch in diameter, star-shaped, and with a most delicious and penetrating fragrance. Price, 50 cents each, postpaid.

MOONFLOWER, OR EVENING GLORY.

A very rapid summer climber, with beautiful foliage and blooming the first season. The flowers are immense, 5 inches in diameter, pure white and sweet scented, bloom very profusely, and as they open at night, very striking. The effect on a moonlight night is charming. 15 cents each, postpaid.

MANETTA VINE.

Charming, being literally covered with flowers the entire season; coloring gorgeous in the extreme, flame color tipped with bright yellow, making striking contrast with the vivid green, glossy foliage, and, given strings or wires to cling to, will attain a height of from 5 to 10 feet in one season. 15 cents each.

HELIANTHUS MULTIFLORA PLENUS.

A perfect gem that should be in every garden. The plants attain a height of about four feet, and in their blooming season, in August and September, they are nearly covered with bright golden yellow double flowers, about the size of a dahlia. Desirable for cutting, flowers remaining bright and fresh for days. Bulbs, per dozen, \$1.25; each 15 cents, postpaid.

ROSE PÆONY.

Deep rose color. Most fragrant of all the pæonies, having a stronger and richer rose fragrance than any rose. Perfectly hardy. Each, 25 cents, postpaid.

OLD-FASHIONED GARDEN PINK ROOTS.

The delicious, sweet-smelling pinks of our grandmothers. Very hardy and easily grown. Per dozen, 65 cents; each, 8 cents, postpaid.

GLADIOLI.

These showy flowers are very easily raised, and with their tall spikes and brilliant colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower garden. By planting from May till July, a continuous succession of flowers will be secured. Plant in rows a foot apart, six inches apart in the row, and two inches deep.

Beautiful French Hybrid Varieties, Splendid Mixture. Price, per 100, express, \$2.00; per 100, postpaid, \$2.40; per dozen, postpaid, 40 cents.

Leomine's Hybrid Gladioli. (New.) For rich and vivid coloring, these have no equal. Embellished with the most intense burning and rich shades, they are wonderful. Price, per 100, per express, \$3.00; per 100, postpaid, \$3.40; per dozen, postpaid, 60 cents.

NEW COLLECTIONS OF GLADIOLI AT SPECIAL LOW PRICES.

No. 1. (Fine), 50 cts.; single bulbs, 6 cts.
Napoleon III. Scarlet, white line in centre of petals.

Mad Monneret. Soft, rosy pink, late variety.
Vachtii. Creamy white, blotched with carmine.

Isaac Buchanan. Best yellow.

Ceres. Pure white, spotted with purple rose.

Childsi. Fine, of late introduction.

Fatma. Ivory white ground, striped with rosy-salmon.

Grand Rouge. Large flowers, bright scarlet, small violet blotch.

Octoroon. A beautiful salmon pink; very distinct.

Breuchleyensis. A fine old variety. Vermilion scarlet.

No. 2. (Extra Fine), 75c.; single bulbs, 8c.

Augusta. Pure white.

Diamant. Extra large, fleshy white, blotched and streaked carmine.

Phebus. Brilliant red; pure white blotch.

Meyerbeer. Brilliant scarlet, flamed with vermilion, red blotch.

Romulus. Intense dark red, blotched with pure white.

Amalthee. Pure white, large violet red blotch.

Amore. Bright, salmon-rose, striped orange.

Conquete. Bright, cherry-red, pure white blotch.

Reine Victoria. White, carmine-violet blotch, very fine.

Africaine. Dark amaranth, almost black, with white stripes.

New Gladiolus "Snow-White." (See cut.) The best white Gladiolus. The flowers are elegantly formed, and of great substance, lasting a remarkable length of time when cut. The spikes are of good size, set solidly and perfectly, with the flowers from bottom to top. The petals are gracefully recurved and in many cases beautifully crimped. Price, 20 cents.

Nakomis. **Childsii.** (New.) Soft, pink blotched and shaded with orange; white and crimson throat, enormous spikes. Price, 20 cents.

Oddity. **Childsii.** (New.) Deep amaranth red, freely suffused with purple blue; red and white mottled throat; very odd color. Price, 20 cents.

LILY OF THE VALLEY.

A great favorite because of its delicious fragrance, bearing graceful bows of fairy-like lily bells. Per dozen, 35 cents; per half dozen, 20 cents.

LILIES.



BERMUDA EASTER LILY.

GLOXINIAS. (*Ready in April.*)

These are most charming pot plants. Their fine trumpet shaped flowers are exquisitely tinted and blotched with dots of violet, pink or crimson. Price (bulbs), 15 cents each; three for 35 cents; twelve for \$1.00.

CINNAMON VINE.

A beautiful rapid-growing, summer climber, with glossy foliage and spikes of delicious, cinnamon-scented flowers. Good-sized roots, each, 8 cents; 3 for 20 cents.

BEE BALM.

Grows about three feet high; flowers red, shading toward maroon, and are very showy. It is largely grown in herbaceous borders. Roots, 20 cents each, postpaid.

New Early Flowering Tuberose "Albino." (*See Cut.*)

This new tuberose flowers in July and August, throwing from two to five flower stems from a single bulb, and these again are often branched. The flowers are entirely free from any brown tint, the tube and sepals being of the purest wax white, making it very valuable for cutting. Per dozen, postpaid, 50 cents; per dozen, per express, 35 cents; each, 5 cents.

DOUBLE TUBEROSE.

The Pearl. Beautiful, white, wax-like, very sweet-scented, double flowers, growing on tall stems, each stem bearing a dozen or more flowers. Remove all offshoots from the sides of the bulbs, start in the house in April, and transplant to open ground for summer blooming. Planted in pots in April, and taken into the house when frost comes, they will freely bloom in December. First-quality bulbs, per dozen, postpaid, 50 cents; per dozen, per express, 35 cents; each, 5 cents.

BEGONIAS. (*Ready in April.*)**SINGLE TUBEROUS BEGONIA.****Branching Tuberose "ALBINO"**

Tuberous Rooted. It is quite impossible to over-estimate the worth of this interesting family of plants; every one should grow them. Planted where they can have plenty of moisture and a little shade from the noonday sun, they make a glorious display, excelling the most vivid geraniums. Give them one trial in your garden and you will never be without them. We offer tubers from the finest strain of erect, large-flowered varieties, of dwarf habit, comprising all colors, scarlet, white, yellow, pink, etc.

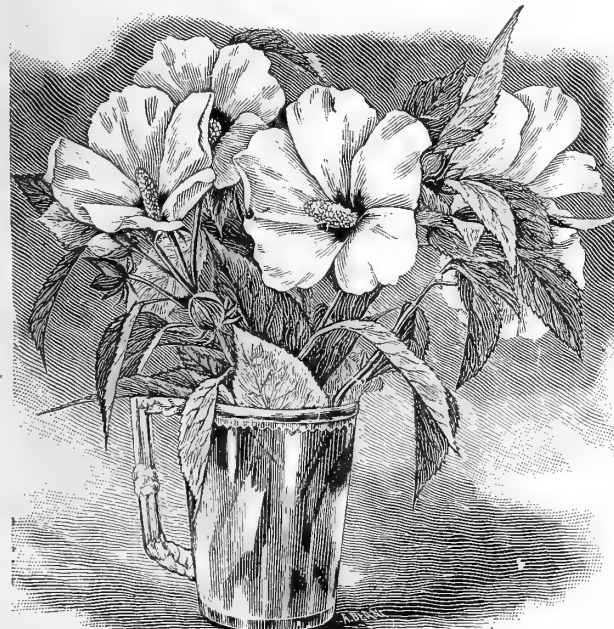
Price, Single,—scarlet, white, yellow, pink—each, 10 cents.
Four, one of each, 30 cents; twelve, three of each, 80 cents.
Price, Double,—scarlet, white, yellow, pink—each, 15 cents.
Four, one of each, 55 cents; twelve, three of each, \$1.00.

EULALIA GRACILLIMA.

A beautiful hardy grass, making a bushy growth, with narrow, graceful foliage, entirely green, except that the midrib is of a silvery sheen. In the blooming season it is tipped with feathery plumes. Price 15 cents, postpaid.

CARNATIONS.

We consider the following varieties of carnations as among the best of recent introductions; combining good form and beautiful colors with vigorous growth and free-blooming qualities.

**HIBISCUS CRIMSON EYE.**

Mrs. Fisher. Beautiful white. Fine for out-door planting.

William Scott (new). Strong plant, early bloomer, fragrant; color, bright rosy pink.

Ferdinand Marigold. Very dark crimson, color of the well-known "Jack" rose.

Emily Pierson. Beautiful glowing scarlet, flowers very large and full, profuse bloomer.

Daybreak. Color exquisite. A charming shade of pink; healthy, vigorous plants. Price, the collection of 5 for 55 cents; 15 cents each, postpaid.

WISTARIA.

Chinese Purple. A hardy, strong-growing twining vine, with handsome luxuriant foliage, producing in midsummer long, drooping clusters of beautiful lilac, fragrant flowers. Price, 20 cents each, postpaid.

AMPELOPSIS VEITCHII.

This is the famous creeper that clings to any building by means of its tendrils, no artificial support being needed. It is sometimes known as Boston Ivy. It is of an exceeding rapid growth and perfectly hardy. Foliage pretty, dense, and attractive, and when in the fall it gradually changes to nearly all the colors of the rainbow, presents a mass of brilliancy unequalled in its magnificence. Strong plants, eighteen inches high, each, 15 cents, postpaid; per dozen, \$1.25.

HIBISCUS "CRIMSON EYE."

For description see page 57. Strong 2-year plants, \$1.50 per dozen; 15 cents each, postpaid. 1-year plants, \$1.00 per dozen; 10 cents each, postpaid.

HYDRANGEA PANICULATA GRANDIFLORA.

One of the most valuable hardy shrubs in cultivation. The flowers are formed in large white trusses, nine inches in length, which change to a deep pink as the season advances. The bush grows about five feet high, and the branches, drooping with the weight of the flowers, give it an extremely graceful appearance. Large plants, per express, 25 cents; postpaid, 35 cents.

ROSES.

SELECT LIST OF CHOICE HARDY VARIETIES FOR THE OPEN GROUND.

Our customers will find these varieties to be not only choice, but hardy, bearing large and fragrant flowers the same season they are planted. The plants are two years old and extra large and strong, not the puny, weak affairs too often sent out. We are growing most of these varieties in our own garden. We have picked good buds from them well into November, and several of the bushes the second season have grown shoots from five to nine feet in height.

LORD PENZANCE'S HYBRID SWEET BRIARS.

These are crosses between the common Sweet Briar and other roses. Like their parent, the Sweet Briar, the foliage is deliciously scented. The flowers are of the most beautiful tints, and produced in great profusion. They are perfectly hardy, even in the coldest situations, possessing just vigor which is quite astonishing.

Amy Robsart. Lovely deep rose. The buds before opening are most graceful, of true Sweet Briar type. 45 cents each, postpaid.
Meg Merrilles Gorgeous crimson, very free flowering, one of the best. 45 cents each, postpaid.

GENERAL LIST.

Yellow Rambler. (Climbing.) Now we have the Yellow Rambler, for which is claimed hardiness, needing protection only in the extreme north; vigorous growth, making shoots of from 8 to 10 feet in a single season; a clear decided yellow in color, not merely a creamy tinge, and a delicious fragrance. The flowers are borne in immense clusters, are cup shaped and last three or four weeks without fading. A large bush in full bloom is one of the most beautiful sights imaginable.

Caroline Marniesse. Flowers pure (or slightly creamy) white, medium size, very double, very sweetly tea scented, and produced in profuse masses, blooming without cessation from June till October. Perfectly hardy.

Empress of China. (Climbing.) Perfectly hardy and of vigorous growth. Color soft dark red in bud, changing as it opens to apple blossom pink. Flowers small, but delicate, waxy and fragrant; nearly double.

Margaret Dickson. This valuable new rose is entirely hardy, and a very vigorous grower. The flowers are of magnificent form, and very large; in color a beautiful shining white with almost the lustre of a pearl.

Crimson Rambler. (New.) Of vigorous growth and exceedingly hardy. The flowers, of a rich brilliant crimson, are produced in large trusses of pyramidal form.

Price of the above named five, 40 cents each, or \$4.00 per dozen per express, or 50 cents each, or \$4.75 per dozen, postpaid.

Earl of Dufferin. A fine dark crimson rose of splendid form, and has the advantage of blooming freely in the fall.

Rosa Rugosa. (Japanese Rose.) Very ornamental; bushes large, thick and compact with handsome foliage. The flowers are followed by brilliant colored fruits. We would specially recommend this for a hedge plant. Alba. Flowers pure white; fruit deep orange red. Rubra. Deep crimson flowers; fruit brilliant carmine. Price of either, postpaid, 35 cents each; \$3.50 per dozen; per express, 25 cents each; \$2.50 per dozen.

Marshall P. Wilder. Cherry rose mingled with carmine.

Baron Bonstettin. Color dark red, almost black, flowers double, fragrant and fine.

Alfred Colomb. Cherry red shaded with crimson; large, full and sweet.

Mrs. John Laing. Flowers large, semi-globular in shape, of an exquisite shade of soft pink, and deliciously fragrant. A grand novelty; considered the finest hardy rose of its color ever offered.

Magna Charta. Bright pink suffused with carmine.

Gen. Jacqueminot. Color, rich crimson; of fine shape and exquisite fragrance.

Paul Neyron. Bright, shining pink; flowers very double; probably the largest rose grown.

Coquette des Blancs. Pure snowy white, sometimes faintly tinged with pale rose; blooms in large clusters; flowers medium size.

John Hopper. Dark rose color, crimson centre.

La France. Flowers large and beautiful, satiny shade of pink changing to blush, and of delicious fragrance.

Baltimore Belle. (Climbing.) Pale blush, very double, borne in clusters the whole plant appearing a perfect mass of bloom.

Luxembourg. (Moss.) Bright crimson-scarlet, large, double, very sweet and mossy.

Price, from Earl of Dufferin, per express, at purchaser's expense, 30 cents each, or \$3.00 per dozen; per mail, postpaid, 40 cents each, or \$4.75 per dozen.

CANNAS. LARGE FLOWERING FRENCH.

These new improved Cannas are among the finest novelties that have been offered for years. Dwarf in habit, with very large, gorgeous flowers, they make fine bedding plants. If removed to the house before frost, they will continue flowering all winter.

Egandale. (New.) Purple foliage, strong compact current-red flower spikes. Because of its brilliant color it can be seen and recognized at a great distance. Price 12 cents; three for 30 cents; per dozen, \$1.20.

A Bouvier. (New.) Foliage green; flowers large and full; color bright crimson. Price 12 cents; 3 for 30 cents; per dozen, \$1.20.

Queen Charlotte. (New.) Plant medium in height, compact with broad green leaves. Flowers rich crimson-scarlet with wide gold border on each petal. Price 15 cents; three for 40 cents; per dozen, \$1.50.

Eldorado. (New.) This is a gem. Green foliage; flowers large yellow, speckled with light red, retaining their bright color for a long time. Price 25 cents; 3 for 60 cents; per dozen, \$2.00.

Charles Henderson. Splendid, compact dwarf grower, throwing up erect heads of bloom of immense size. Color, dark crimson, centre of the flower marked with golden pencillings; one of the very handsomest varieties. 12 cents each; 3 for 30 cents; per dozen, \$1.00.

Florence Vaughan. Brilliant golden-yellow, dotted with bright scarlet; flowers very large and produced in constant succession all summer. Price 12 cents each; 3 for 30 cents; per dozen, \$1.00.

Madame Crozy. Flower, flaming scarlet, bordered with gold; a marvellous combination of colors, having all the delicacy and beauty of the rarest orchid. Price 12 cents each; 3 for 30 cents; per dozen, \$1.00.

Cannas. Standard varieties. Making fine foliage plants. Unnamed, either dwarf or tall. 10 cents each; \$1.00 per dozen.

MADEIRA OR MIGNONETTE VINE.

A beautiful climber, of rapid growth adapted to outdoor growth in the summer or the house in winter. It completely covers itself with long racemes of deliciously fragrant white flowers. Tubers should be kept in cellar over winter. Each, 5 cents; per dozen, 50 cents.

DAHLIAS.

Prince of India. (New.) (Cactus.) Color beautiful rich rosy crimson; flowers very large and of perfect form.

Mrs. Peart. (New.) (Cactus.) Color a delicate creamy white; with its long pointed petals it resembles a white chrysanthemum. Fine.

Annie Moore. (New.) Color a beautiful combination of cherry pink and white.

E. A. Tunnell. (New.) A clear bright red shaded and striped with pure white; no two flowers alike.

A. D. Livoni. A finely formed flower of rich pink color; very handsome.

Glori de Lyon. Pure white. The largest white Dahlia in cultivation. Almost as round as a ball.

Crimson King. Deep crimson. An early and free bloomer.

Miss Thatcher. Sulphur yellow. Very productive, producing its flowers well above the foliage.

Price of the first four 25 cents each; 3 for 60 cents; of last four, 20 cents each; 3 for 50 cents, postpaid.

Unnamed Mixed. Choice varieties. 15 cents each, \$1.50 per dozen.



CHRYSANTHEMUMS.

THE LEADING AUTUMN FLOWER.

There are no flowers that make such a magnificent display in the autumn as these, with their almost endless variety of fanciful shapes, and colors ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good rich soil, with plenty of well-rotted cow manure. Water freely, and keep them well cut back until the first of August. If wanted for indoor blooming, they should be lifted about the middle of September, potted, watered thoroughly and set in a shady place for a few days; afterwards expose them to the full light, with temperature not higher than fifty degrees. In cold climates, winter in cellar.

We have selected the following from the best standard varieties, many being prize-winners at recent exhibitions:

	Price, postpaid, each.	Per doz.
Wm. Simpson. (New.) Very early pink, incurved, fine.....	.15	\$ 1.50
Mayflower. (New.) Large loose white; beautiful.....	.15	1.50
Yellow Queen. (New.) Incurved, lemon yellow, long holder; fine.....	.15	1.50
Erminilda. (New.) Fine loose pink; reflexed flower, holds up well.....	.15	1.50
Mrs. Perrin. (New.) Fine clear pink; incurved.....	.15	1.50
Major Bonaffon. Fine yellow, incurving, full in the centre; grows six or seven inches across; a good keeper.....	.15	1.50
Nivens. A grand snow-white variety; constitution robust, foliage large and abundant, keeping qualities unsurpassed.....	.15	1.50
Mme. Ferdinand Bergman. The very earliest; pure white.....	.15	1.50
Mrs. J. G. Whildin. Large creamy-yellow flowers; first early, will grow under any condition.....	.15	1.60
Ivory Pure white, incurved; early and free-flowering; still king of the whites.....	.15	1.50
Tuxedo. Amber, tinged and shaded with brown; large, full flower; fine.....	.15	1.50
George W. Childs. Flowers large and full, reflexed; deep velvety crimson, the finest of its color.....	.15	1.50
Ad. Spaulding. Silvery pink; large incurved flowers, double to the centre, broad petals, unexcelled.....	.15	1.50
J. C. Vaughan. Rich plum-crimson.....	.15	1.50

CHRYSANTHEMUM SEEDS.—DELEAUX NEW EARLY-FLOWERING.

A remarkable new class of perennial Chrysanthemums, selected from the celebrated Deleaux strain, blooming early in September from seed sown in March. Very dwarf, branching in habit, and profuse bloomers. The flowers are entirely unlike all the early blooming varieties hitherto known, vieing with the later sorts in form, size, and in richness and variety of colors. Price per package, 25 cents.

Prices per mail, postpaid, or express, at purchaser's expense. No discount.

SMALL FRUITS.

(See also pp. 5, 6 and 70.)

Will our friends, if possible, kindly send in their orders for these, except strawberries (which please see), by April 10.

STRAWBERRIES. (See also page 6.)

For hill culture, plant fifteen by fifteen inches; for matted growth, make rows three feet apart, and plant one foot apart in the row. Those marked with "P" are pistillate varieties, needing staminate sorts near them. Shipping season for layer plants will be the months of April and May. On all orders shipped before May 1 we guarantee safe delivery. No plants except potted varieties sent after May 15. We can supply from August till October potted plants of those varieties marked with a * at 50 cents per dozen, \$2.50 per 100, per express or freight at purchaser's expense.

Few varieties do equally well in all localities or on all soil. Those we have selected are not only in the first class because of their general excellence, but they come nearest to doing well in all localities and on all soil, according to the testimony of every Agricultural Experimental Station and of the largest strawberry growers, which we can indorse in part from our own observation and experience.

MICHIGAN. (New.) The latest of all. Says Lovett: "This has proved to be superior to all early sorts now before the public. Equalling in size the Gandy, it ripens from ten days to two weeks later than that late variety. In form it is bluntly conic, with bright, crimson color." It is a strong, healthy grower, and is very prolific. Not a market berry. Price, per dozen, postpaid, 35 cents; per 100, \$1.00; per 1000, \$5.00.

***The Bouncer.** We have fruited the Bouncer in our home garden, and the results were exceedingly satisfactory. The berries proved to be remarkably large, somewhat irregular, yet not coxcomb in shape—perhaps massive is the best word for describing them. The color is dark red, about the color of the Beverly. The vines are strikingly stout and vigorous, just what such enormous berries would require to sustain and support them. The quality of the fruit is above the average, and it is a medium hard berry. On our own soil, a deep, moist, rich garden, which has been under cultivation perhaps a hundred and fifty years, this strawberry cropped enormously at the rate of considerably over 400 bushels to the acre. It is the most prolific of plants—from the patch where but a dozen vines were planted we had over two thousand plants. Price, per dozen, postpaid, 35 cents; per 100, \$1.00; per 1000, per express, 80 cents; per 1000, \$5.00.

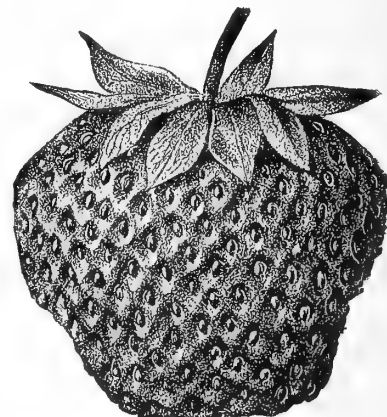
***Brandywine.** A perfect-flowering variety. The editor of the "Rural New Yorker," a strawberry expert, who has raised it for three years, speaks of it as "Of immense size and fine quality, quite firm and shapely for so large a berry; foliage of the largest and thickest, entirely free of scald or blemish; the average size is as large as any raised. In general it is heart-shaped, often broadly so, without neck. Its most pronounced irregularity inclines towards a Sharpless shape, occasionally as of two berries joined together. Medium red; flesh red, firm and solid for so large a berry—none more so. Quality not the best, but fully as good as Sharpless and better than Bubach. Vines exceedingly prolific. Brandywine continues a long time in fruit, and is of superior shape, quality and size for so large a berry. Foliage perfect." We much like this berry. Per dozen, postpaid, 35 cents; per 100, \$1.00; per 1000, per express, 80 cents; per 1000, \$5.00.

***The Marshall.** This is the big strawberry that received two first and three second prizes in 1892 and 1893, at the annual exhibition of the Massachusetts Horticultural Society. A promising new and distinct variety, of the wild strawberry flavor. It needs extra treatment. Three thousand quarts were picked from one-third of an acre in 1892. Berries enormous in size, fourteen filling a basket. Color very dark, extending through the berry. Berries solid. Plants extra vigorous, standing twenty-two inches in height. Nice for the home garden or for fancy marketing. Per dozen, postpaid, 35 cents; per 100, \$1.25; per 1000, per express, \$1.05; per 1000, per express, \$6.00.

***Leader.** Hardy, vigorous, medium early; berries large, firm-fleshed; color dark; extra quality; a capital family berry. Per dozen, postpaid, 35 cents; per 100, \$1.00; per 1000, per express, 80 cents; per 1000, \$5.00.

Greenville. Remarkably vigorous and hardy; very productive; excelled only by Crescent. Berries extra large, good quality, medium firm, quite popular. Per dozen, postpaid, 30 cents; per 100, 80 cents; per 1000, per express, 60 cents; per 1000, \$4.00.

***Beverly.** This is a seedling of the well known Miner's Prolific, and may be called an improved Miner. Plants vigorous, foliage healthy, blossoms staminate; berries large, mostly conical; dark glossy crimson in color; texture firm, and quality excellent. Mr. George F. Beede, the well-known strawberry grower, of Fremont, N. H., writes: "Among sixty varieties I am testing, for healthy foliage, vigorous growth and rapid increase of plant, the Beverly was unsurpassed. I am confident it is a great acquisition to both our market and home list of strawberries." Evidently a first-class berry under high cultivation. Price, by mail, postpaid, per dozen, 30 cents; per 100, 80 cents; per 1000, per express, 60 cents; per 1000, \$4.00.



MARSHALL.

SMALL FRUITS.—Continued.

* **Beder Wood.** Of this fine variety, Mr. Mathew Crawford, of Ohio, says: "This is, in my opinion, the best early variety ever introduced, either for home use or market. The plant is faultless, and enormously productive. No rust yet. Fruit large, of fine form and color, moderately firm and of good quality." Price, by mail, postpaid, per dozen, 30 cents; per 100, 80 cents; per 100, by express, 60 cents; per 1000, \$4.00.

Parker Earle. Speaking from our own experience, we would rank this as *the one* strawberry for family use. Plant very robust, berries large and very uniform in size; oblong in shape; of a glossy crimson color; of excellent quality, but not very firm. It has yielded enormous crops from Texas to Michigan. The one objection to it is that on some soils it does not ripen all the fruit it sets. Bisexual and therefore self-fertilizing. Price, by mail, postpaid, per dozen, 30 cents; per 100, 80 cents; per 100, by express, 60 cents; per 1000, \$4.00.

Bubach. (No. 5) (P.) (New.) Wonderful in vigor of plant and yield of fruit. A shipping berry, and simply A 1 for family use. Second early. Price, per dozen, postpaid, 30 cents; per 100, 80 cents; per 100, by express, 60 cents; per 1000, \$4.00.

Crescent Seedling, Sharpless, Wilson's Albany. Standard sorts. Price, per mail, per dozen, 30 cents; per 100, 80 cents; per 100, by express, 60 cents; per 1000, \$4.00.

Alpine Monthly. The great merit of this variety is that it *continues to bear until frost comes*. The fruit, though very rich in flavor, is of small size; and it is not a heavy cropper, but a variety that, instead of having a season of but from two to three weeks, as is the case with all other strawberries, will enable you to make a present to the sick, as acceptable as it is surprising, through a period of five months, deserves a small plot in every garden. Price, per dozen, postpaid, 40 cents; per 100, \$1.00; per 100, by express, 80 cents.

☞ In case a dozen of each of several varieties of strawberries are taken, the party ordering shall be at liberty to deduct five cents from each dozen price where said price is fifty cents or under, and ten cents where price is over fifty cents. ☞

DEWBERRIES.

Lucretia Dewberry. This is decidedly the best of all the dewberries, or low-running blackberries. It is a superb fruit, melting and of a delicious quality. The plant is entirely hardy everywhere, a healthy, strong grower, and exceedingly productive. Price, by mail, one, 10 cents; by mail, per dozen, 75 cents; per dozen, by express, 60 cents; by express, per 100, \$2.25.

JAPANESE GOLDEN RASPBERRY.

A Raspberry which Ripens its Fruit before Strawberries.

Mr. Luther Burbank, after whom was named the Burbank potato, of Santa Rosa, Cal., obtained this wonderful raspberry by crossing the Cuthbert with an early wild variety from Japan, and sold his stock of six old and forty-eight young plants for \$800. We take the following description from his catalogue, not having raised the variety ourselves: "The earliest known raspberry. The berries are of a golden straw color, as large as Cuthbert, and ripen *a month before Hansell*, before strawberries, and before the earliest of the standard raspberries. The bushes are distinct from all others, growing like trees, six to eight feet high, with spreading tops; and all along the branches large, white, well shaped blossoms are pendant, which are soon followed by the great, sweet, glossy, golden, semi-transparent berries." We find that these need winter protection in New England.

Price, postpaid, one, 15 cents; per dozen, \$1.25; per dozen, by express, \$1.15.

GOOSEBERRIES.

Plant three by four feet, in deep, rich soil, in as cool a location as possible. Protect from currant worms by the use of hellebore, as directed for currants.

We tested the "Gooseberries Without Thorns" last season, and though they are thornless, yet they are next to nothing else—being so utterly lacking in vigor that we drop them from our catalogue.

Red Jacket. (New.) Says Josslyn: "This berry is as large as the largest; very prolific and hardy; quality and foliage the best. For seven years no mildew has ever appeared on the Red Jacket." On our grounds it is but little larger than the Downing. Color red. Price, postpaid, one, 20 cents; per dozen, \$2.00; per dozen, by express, \$1.80.

Triumph. This is another new American seedling of the Mammoth class; hardy and prolific. Until within a year, gooseberry raising in the United States has been confined to the small varieties, but now as many as three new American seedlings come before the public, all of the Mammoth class, equal to the famous English sorts. These will be likely to begin a revolution in the raising of this fine fruit. Price, postpaid, one, 25 cents; per dozen, \$2.00; per dozen, by express, \$1.80.

Smith's Improved. A large, pale yellow variety, of excellent quality; exceedingly prolific, and of vigorous growth. Price, postpaid, one, 15 cents; per dozen, \$1.45; per dozen, by express, \$1.25.

Downing's Seedling. Best of the hardy, pale green varieties; not subject to mildew. Price, postpaid, one, 12 cents; per dozen, \$1.00; per dozen, by express, 80 cents; by express, per 100, \$6.00.

Houghton's Seedling. Red in color; very productive. Not subject to mildew. Price, postpaid, one 12 cents; per dozen, \$1.00; per dozen, by express, 80 cents; per 100, \$6.00.

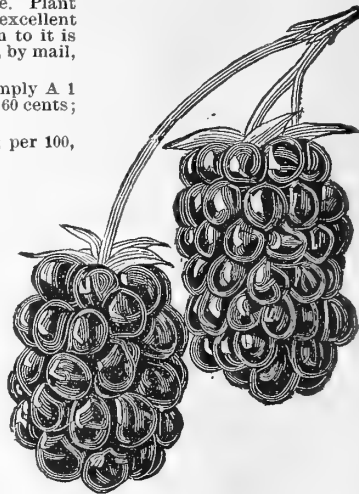
ELEAGNUS LONGIPES.

A singular shrub from Japan, bearing abundant berries on every stem, of the size of a medium cherry, oblong in shape, and of a dark red color. The flavor is peculiar, much like that of a good cherry, with a little astringency added. All of us like it. It is hardy, begins to bear early, is an abundant bearer, and holds its fruit in good eating order after ripening, much longer than any cherry. The plant, loaded with its bright red fruit, is worthy a place in any garden, if merely for ornament, for it draws all eyes. Price, postpaid, one, 15 cents; per dozen, \$1.50; per dozen, by express, \$1.35.



ELEAGNUS LONGIPES.

Please see pages 5, 6 and 70 for Novelties in Small Fruits. Kindly keep in mind that we offer a Cash Discount on orders. See page 1. See page 51 for low-priced collections of high-class seeds. Look at the new Michigan Seed Drill and the McGee Garden Cultivator on page 71. And be sure to read Talks to Patrons on page 1.



LUCRETIA DEWBERRY.

SMALL FRUITS.—Continued.

BLACKBERRIES.

Plant vines four by seven, and treat as with raspberries, with the exception that they should be cut back to four feet.

Agawam. Very early. Fruit of fair size; jet black, sweet and melting to the core. For home use it has no superior, being sweet throughout as soon as black. It is extremely hardy and healthy, and very productive. Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen per express, 60 cents; per 100, \$4.00.

Eldorado Blackberry. Very hardy, remarkably productive, and superb in quality. Mr. H. E. Van Deman, National Pomologist, says: "Never have I tasted any blackberry equal to the Eldorado." Several of the experimental stations speak emphatically of its *hardiness, quality and productiveness*. The Ohio experimental station ranks it as hardy as the Snyder, but with a larger berry and of better quality. It is not only extra sweet, but is entirely free from the hard core common to most varieties. The berries when picked keep exceptionally well. Certainly a blackberry of great promise. Price, postpaid, one, 15 cents; per dozen, \$1.50; per dozen per express, \$1.35.

Erie. (New.) Says Lovett: "There is no berry that rivals it in the four properties of hardness, size, earliness and productiveness. None will compare with it for market or the home garden." Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen, by express, 60 cents; per 100, \$3.50.

Early Harvest. (New.) Extremely early, very productive, first-class in quality, size below average. Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen, by express, 60 cents; per 100, \$3.50.

Kittatinny. Very large, exceedingly productive, tender at the north. Price, postpaid, one, 10 cents; per dozen, 65 cents; per dozen, by express, 50 cents; per 100, \$2.50.

Snyder. The hardiest, enormously productive. One of the best for market. Price, postpaid, one, 10 cents; per dozen, 65 cents; per dozen, by express, 50 cents; by express, per 100, \$2.50.

Lovett's Best Blackberry. Mr. Lovett, the well known nurseryman, thus discourses on his new blackberry: "Its strong points are enormous yield, great hardness of cane, earliness in ripening, large and uniform size and shape, jet black color, (never turning red after gathered), fine appearance and excellent quality." It appears to be hardy, having been exposed to temperature of several degrees below zero without injury even to the terminal bud. Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen by express, 60 cents; per 100, \$3.50.

GRAPES. (See page 6.)

The prices given are for one-year-old vines. Will send two-year-old vines for half as much more.

Soil should be dry and warm. Plant nine by six. Cut back in fall, to two eyes. Cedar posts and wire for trellis.

Moore's Diamond. (New.) In vigor of growth, texture, foliage and hardness of vine, it partakes of the nature of its parent, Concord. The fruit, sweet and delicious, is equal to many of the best sorts, and ripens two or three weeks earlier than Concord. The color is a delicate greenish-white, with a rich, yellow tinge when fully ripe; very few seeds, juicy and almost entirely free from pulp. Berry about the size of the Concord, and adheres firmly to the stem. One of the best of recent introductions; is doing well in all sections, and proving a profitable market variety. Price, postpaid, one, 15 cents; per dozen, \$1.25; per express, \$1.00.

Empire State. Very hardy, white, tender, juicy, sweet and rich. Price, postpaid, one, 12 cents; per dozen, \$1.00; per dozen, by express, 75 cents.

Niagara. White, ripens with Concord, good bearer. Price, postpaid, one, 10 cents; per dozen, 85 cents; per dozen, by express, 60 cents.

The Salem Grape. The No. 53 of Mr. Rogers' famous seedlings. This by many is ranked as the best of Mr. Rogers' grapes. The vine is a strong grower; very productive, producing large bunches of red grapes of large size; very sweet, and with the rich flavor of its foreign parent. Price, postpaid, one, 10 cents; per dozen, 85 cents; per dozen, by express, 60 cents.

Green Mountain. (or Winchell Grape.) An early white grape, ripening with Moore's Early. Clusters of medium size, often shouldered; berries a little larger than those of the Delaware; greenish-white when fully ripe; skin thin and quality fine, pulp being tender and sweet, quite free from toxiness. It is specially well adapted to northern localities. Heartily endorsed by leading nurserymen and grape growers. We asked one gentleman, who had the most extensive collection of the newer sorts of grapes at the exhibition of the Massachusetts Horticultural Society, which he would especially recommend, and he unhesitatingly pointed to the Green Mountain. Price, postpaid, one, 30 cents; per dozen, \$3.00; per dozen, by express, \$2.75.

Moore's Early, Concord, Delaware, Brighton. Standard sorts. Price, postpaid, one, 10 cents; per dozen, 85 cents; per dozen, per express, 60 cents.

CURRANTS. (See page 70.)

Plant on deep, strong, rich soil, four by five feet apart. Cut back young shoots one-third every year. To protect from currant worms, dust with hellebore at time of blossoming, when dew is on, and repeat when fruit is full grown.

President Wilder Currant. (New.) Mr. Barnes, the largest currant grower along the Hudson river, is so well pleased with this currant that he will plant it hereafter in preference to any other. It is as large as Fay's and as early, but it makes a longer and better filled bunch, and is more productive. It will remain in good shipping order over a fortnight longer. As a table fruit it retains its bright red color, not turning dark like Fay's and Cherry's; is not so acid as Fay's, and has a rich flavor which is very agreeable. One, postpaid, 15 cents; per dozen, \$1.50; per dozen, per express, \$1.30.

Fay's Prolific. As large as Cherry, and with larger bunches; rapidly superseding it. Price, postpaid, one, 12 cents; per dozen, \$1.00; per dozen, by express, 80 cents; per 100, \$6.00.

Cherry. The old standard large red. **White Grape.** The best white. Price, postpaid, one, 10 cents; per dozen, 75 cents; per dozen, by express, 55 cents; per 100, \$4.00.

Victoria. A splendid variety, great bearer, bunches extremely long. Price, postpaid, one, 10 cents; per dozen, 75 cents; per dozen by express, 55 cents; per 100, \$4.00.

JAPANESE WINE BERRY.

Each berry grows in a burr, which opens as the fruit ripens, which, running through all the shades from amber to crimson, makes one of the most brilliant displays known in horticulture. They have a rich and sprightly flavor, with a brisk sub-acid, making them fine for preserving; of no special value as a dessert fruit. Price, postpaid, one, 10 cents; per dozen, 70 cents; per dozen, by express, 55 cents.

RASPBERRIES. (See pages 5 and 70.)

Plant Black Cap variety five feet apart each way, the other kinds four feet. Plant shallow and cut back the canes. Leave but three or four suckers to grow.

Lovett. (Black Cap.) This new raspberry, in a test of several seasons, proves to be "as early as Doolittle, as large as the Gregg, perfectly hardy, very firm, and a good keeper; very sweet, and of the finest flavor." Price, postpaid, one, 10 cents; per dozen, 60 cents; per dozen, by express, 50 cents; per 100, \$3.00.

Marlboro'. Red; strong grower, hardy and productive; early, and continues long in bearing. Price, postpaid, one, 10 cents; per dozen, 50 cents; per dozen per express, 40 cents; per 100, \$2.00.

Gregg. (Black Cap.) The leading late Black Cap. Very popular market sort. Price, postpaid, one, 10 cents; per dozen, 50 cents; per dozen, by express, 40 cents; per 100, \$2.00.

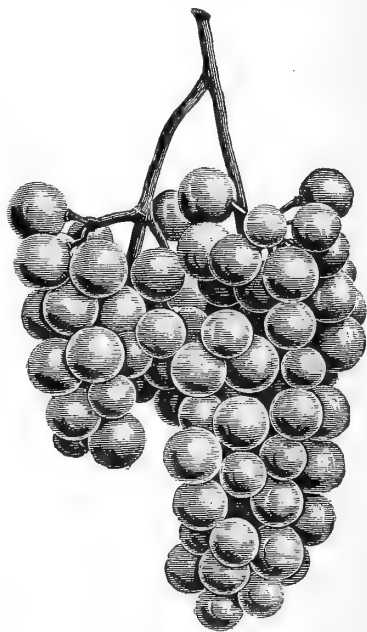
Cuthbert. Red; remarkably productive. Price, postpaid, one, 10 cents; per dozen, 50 cents; per dozen, by express, 40 cents; per 100, \$2.00.

COLUMBIAN RASPBERRY.

This new raspberry appears to be a cross between the red and black varieties. It roots from the tips. Color a dark red. It comes before the public very highly recommended for its great vigor of growth, productiveness, large size and very superior canning qualities of the fruit. It appears to be a hardy variety. It resembles the Shaffer in great size of its fruit, which is more firm and sweet than that variety, but by some is considered inferior to it in quality. It excels all varieties in retaining its form, color and shape when canned. At the Massachusetts Agricultural Experimental Station in 1895, this raspberry outyielded all others, cropping nearly three times as much as any. It took two prizes at the New York State Fair in 1895, one as the best canning berry and the other as the best evaporated berry. The introducer states that 3,500 bushes yielded on an average five quarts each. Valuable for market where a dark berry will sell. Price, postpaid, 12 cents each; \$1.00 per dozen; per dozen, per express, 90 cents.

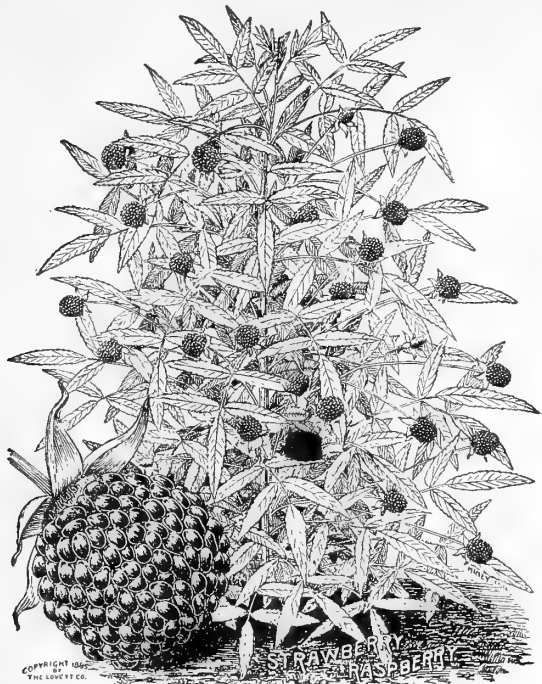


ELDORADO
BLACKBERRY.



GREEN MOUNTAIN GRAPE.

Additional Novelties in Small Fruits see also Pages 5 and 6.



STRAWBERRY RASPBERRY.

A unique fruit from Japan, said to be a cross between the strawberry and raspberry. The habit of the plant and appearance of the fruit are just what would be looked for in such a cross, as they are a compromise between them. The plant is low growing and is perennial, dying down and springing up each season. The fruit is half way in shape between strawberry and raspberry, the color a brilliant, glossy red, making it exceedingly attractive to the eye; it ripens early. I find that the quality of the new fruit is inferior but eaten with sugar and cream it may be classed among the luxuries of the table. It is an abundant bearer, and the brilliant fruit and large white blossoms, seen among the bright green leaves, produce a very striking effect; it is worth a place in the garden simply as an ornament. Price, per one, postpaid, 15 cents; per dozen, \$1.25; per dozen, per express, \$1.15.

THE LOGAN BERRY.

Not having had experience we quote authorities considered reliable.

A hybrid between the blackberry and raspberry. The berries are very large, equaling that of the largest blackberries which they closely resemble in form and structure. Color a dark reddish maroon; flavor rich and slightly suggests both the blackberry and raspberry. The canes make a strong, vigorous growth and are hardy, but do better in the latitude of New England, if slightly protected. The fruit is excellent for the dessert or for canning. Its season for ripening is just after strawberries and in advance of the raspberries, nicely filling a blank when there are no other berries. Price, postpaid, 25 cents; per dozen, \$2; per dozen, per express, \$1.80.



THE CUMBERLAND RASPBERRY.

This new Black Cap Raspberry has its great merits endorsed by such well-known firms as Messrs. Storrs and Harrison, who pronounced the fruit to be "certainly one of the finest specimens of Black Cap Raspberry we ever saw"; by William Parry, of Ramona, N. J., as "exceeding in size anything we have ever seen, selected specimens measuring an inch across; very firm, very black and in quality all that could be desired"; and by that veteran fruit grower, George S. Josselyn, who writes: "They were delicious and were larger than the Gregg, with not nearly as many seeds." Prof. Bailey of Ithaca, the well-known horticultural authority, writes: "They were the wonder of everyone who saw them."—The testimony of others might be added, but I think these will suffice, and if we add to them the facts that it is among the hardiest of the raspberries, is wonderfully productive, the fruit possessing unusual firmness, making it a good shipper, while the vine itself is an unusually strong and vigorous grower. We seem to have in this new black cap the most profitable and desirable market variety yet known, entitling it to the name given it by its introducer, as "the Business Black Cap." Price, one, postpaid, 50 cents; dozen, \$4.25; dozen, express, \$4; 100, express, \$25.

POMONA CURRANT.

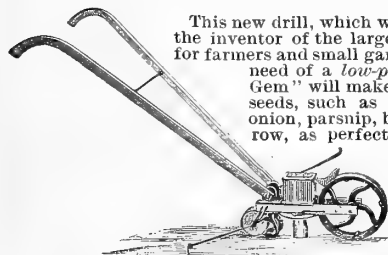
A new currant which excels in productiveness, quality and in having fewer seed than other varieties. In size it runs about the same as the Victoria. It is highly endorsed by several prominent persons who have partaken of the fruit and seen it growing. It is an enormous cropper as the engraving shows. The following points are claimed for it: 1—A most vigorous grower. 2—A perfectly healthy, hardy plant. 3—The most productive. 4—The sweetest and best in quality, not having the unpleasantly strong currant flavor, and making it a very choice dessert fruit to eat as strawberries with sugar and cream, and second only to strawberries. 5—Continues in profitable bearing a greater number of years than any other sort. 6—Is of good size, larger than Red Dutch or Victoria. 7—Retains its foliage until after fruit is all gathered, thus preventing sun-scalding. 8—Will hang on bush in good condition longer than any other sort. 9—Has fewer and smaller seeds than any other. 10—Comes into profitable bearing earlier than any other sort. 11—Is more easily and cheaply picked, and keeps longer. 12—Hence it brings more dollars per acre to the grower, and with less work than any other fruit. Price, one, postpaid, 25 cents; dozen, \$2.50; dozen, express, \$2.30.

NO DISCOUNT.

IMPLEMENTS.

NO DISCOUNT.

A. H. MATTHEWS' LITTLE GEM SEED DRILL.



This new drill, which was designed by Mr. Matthews, the inventor of the larger drill is especially intended for farmers and small gardeners, who have long felt the need of a low-priced seed drill. The "Little Gem" will make the drill, drop and cover the seeds, such as turnip, carrot, sage, spinach, onion, parsnip, beet, etc., and mark the next row, as perfectly as the best twelve dollar drills, and yet it costs only half the price. It is well made by experienced men. It weighs only twenty pounds, and will last many years. It has acquired great popularity, and the sales have increased with each year.

Price, per express or freight at purchaser's expense, \$5.

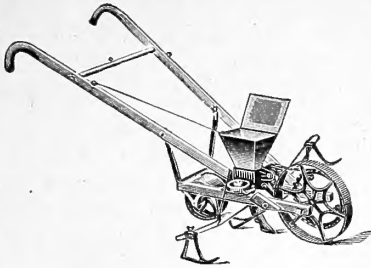
GEM OF THE GARDEN.

This hand cultivator has given great satisfaction among market gardeners. Our old customer, Mr. W. Holmes, of Davenport, Ia., writes to a dealer as follows: "For about twenty years I have used, as they were introduced, five or more of the improved cultivators, not one of which failed to pay well; but I have found none which for thoroughness of work, adaptation to many crops and ease of handling, and shifting to any desired width or depth, equals the 'Gem' you sold me the past spring. For onion or strawberry culture it leaves but little to be desired." A dozen other practical farmers testify to the same purpose. Price, per express or freight at purchaser's expense, \$5.



MICHIGAN SEED DRILL. (New.)

In the course of a long farming experience I have used on my farm about every seed drill made in the United States. All had their good qualities, and all had their defects. The great defect of the one I have used longest has been that it tended to bunch the seed, that is, sow it too thick in some places and leave blanks every here and there. Having tried several other patents without getting what I wanted, a drill that could be depended on to drill the seed evenly, two years ago I found a new one on the market which originated in the West, named the "Michigan." Its work in dropping seed regularly struck me very favorably, and some improvements which we suggested having been made in the original design, we are exceedingly well satisfied with it. Having adopted it on our own farm as markedly superior to all others, we this season heartily recommend it to our customers. Some of its excellent characteristics: 1. The feed is not a modification of any of those already in use, but is an entirely new device, and while sowing onion, cabbage, turnip and that class of seeds equal to the best drills on the market, it will also sow parsnip, carrot, salsify, beet, mangel wurzel, prickly spinach, and other seeds of that class equally well, getting *an even row* with light seeding, thus making a saving of seed and labor in thinning. 2. It is simple in construction and operation, with no complicated adjustments to get out of order. 3. All the adjustments are made by thumb-screws, thus obviating the necessity of carrying wrenches or tools. 4. Without stooping, one movement of the hand will raise or lower both markers, lower one marker and raise the other, or reverse them, as desired. 5. The seed in sowing are in full view, and if there is any failure to drop from the clogging of the opening or any other reason it will instantly be detected. 6. It is easily thrown out of gear for moving from one place to another. 7. That the "Michigan Garden Drill" has no superior, if any equal, has been demonstrated by numerous trials in competition with the best drills made. Price, per express or freight at purchaser's expense \$6.00.

**INSECT POWDER DISTRIBUTOR.**

(Improved for 1898.)

This is an improvement on the Cyclone in that two rows can be attended to at the same time, and it can be elevated so as to be used on vines and shrubbery, while the feed being through offsets prevents its clogging.

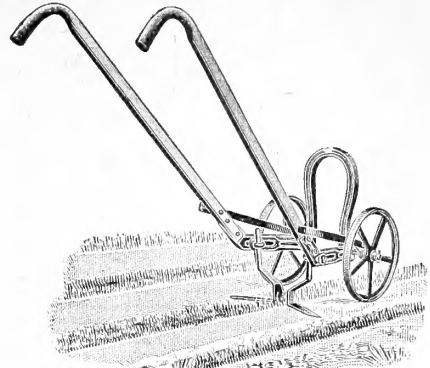
This machine effectually applies Paris Green, London Purple, Hellebore, or Bordeaux Dry Mixture directly to the vines.

It does entirely away with the necessity of using water, plaster, or any other bulky adulterant; simply from one to one and a half pounds of Paris Green to the acre blown on the vines by this fine distributor completes the whole business. In an hour an acre can be readily gone over and the vines are never injured in the least, whereas when water is used some of the arsenic is dissolved and burns the vines. No more back-breaking, lugging of water; simply point the spout towards the top of the vines, turn the crank, and go ahead.

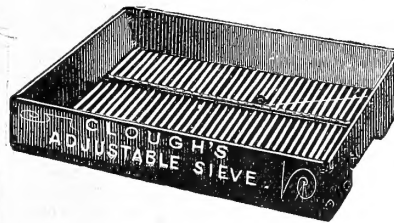
J. R. CAMPBELL, Wallingford, Conn., writes: "Your Distributor is superior to the old Cyclone in every way. With it two rows of potatoes can be dusted at one time."

W. F. ANDROS, East Hartford, Conn., writes: "Your Distributor simply reduces the cost of exterminating potato bugs to the minimum. It is simple in construction, and not likely to get out of repair."

Price, per express or freight, at purchaser's expense, \$4.75.

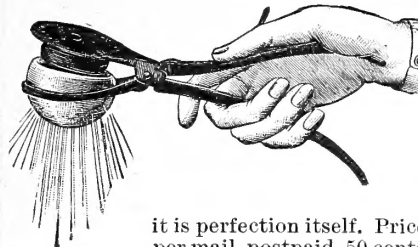
**MC GEE GARDEN CULTIVATOR. (New.)**

With but one other exception this is the only hand cultivator out of the score before the public in which the two hoes are always under the control of the operator. It is of the straddler class, that is, the hoes go each side of the row. Other straddlers are adjustable by screws, and when once set are immovable, to be made to go farther from or nearer the plants only by resetting. In the McGee there is no cross bar connecting the handles and the result is that the hoes, which are attached to them, are every moment completely under the control of the operator, to knock away a stone, remove a weed, or even to thin the growing crop. With the capacity to run close to the growing crop, a large proportion of hand weeding is saved, that most costly item in the raising of onions, beets, carrots and all bed crops. The McGee is considered invaluable by some of the largest market gardeners in the vicinity of Boston, and I have several of them in use on my own farm with great satisfaction, *where the land is about level and fairly free from surface stones.* Price, per express or freight at purchaser's expense, \$5.00.

CLOUGH'S ADJUSTABLE SIEVE.

"UNIVERSAL" sieve would have been a better name, for we find that it will do the work for which we before required twenty or more different sieves. Capital for cleaning all sorts of seed, beans, peas, grain, etc. The black spot near the middle represents a screw, by the turning of which the cross-bars can be brought nearer together, thus altering the distance between these bars, and practically making it a different sieve with every alteration. Price, per freight or express at purchaser's expense, \$2.00.

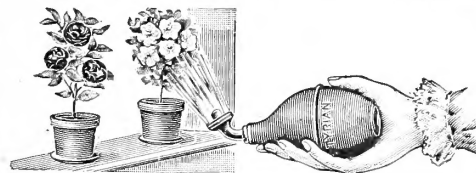
Price, per freight or express at purchaser's expense, \$2.00.

GOLDMAN'S ATOMIZER.

For sprinkling flowers, clothes, carpets and house-plants, for destroying insects, for disinfecting and deodorizing rooms, this little implement fills the bill completely.

For sprinkling where a fine spray is required

it is perfection itself. Price, per express, 40 cents; per mail, postpaid, 50 cents. Extra balls, 20 cents.

TYRIAN PLANT SPRINKLERS. (New.)

These are very handy for house-plants, as you can water them very quickly without injuring them, and cleanse

their leaves without soiling anything near by. It is a close imitation of nature's own way of watering—*just like rain.* The neck, as will be seen by the illustration, is bent so as to enable one to cleanse the under side of the leaves. Price, per express, 60 cents; per mail, 70 cents.

SUPERIOR KNIVES.



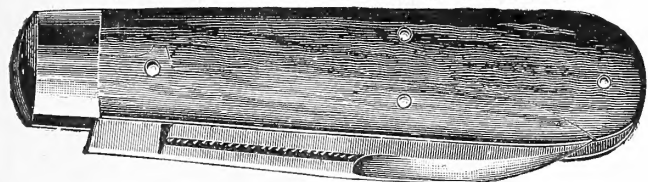
"THE ENGLISH GARDENER."

A favorite handy knife with the gardeners of England. Blades of best quality. The cut on right represents the exact size. By mail, 50 cts.

General Purpose Knife. Blades of razor steel. I have carried one for years and like it hugely. Cut in centre represents exact size. Postpaid to any address on receipt of 50cts.

Budding Knife. Cocoa handle, razor-steel blade. Cut on the left represents exact size. By mail, 35 cents.

TWO-BLADED BOYS' KNIFE.

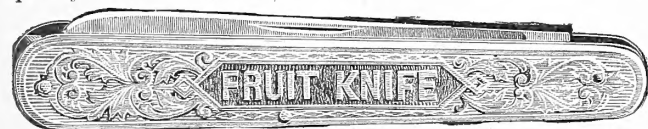


This makes a nice present for our boys. This is of razor-steel and therefore much superior to the common 25-cent knives in the market. Postpaid to any address on receipt of 35 cts.

TWO-BLADED LADIES' KNIFE.



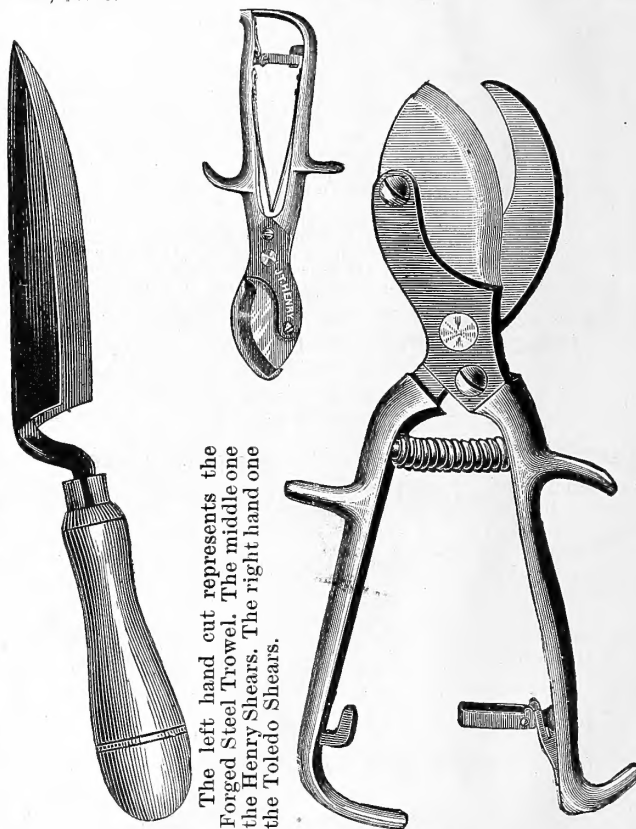
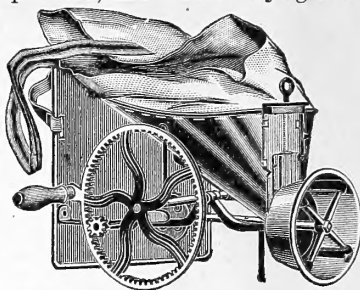
This is one of the prettiest and most popular of knives. It has an elegant ivory handle, and the blades are of the best quality of steel. By mail, 33 cts.



Fruit knife, spring steel blade; handle and blade heavily nickel-plated; not affected by fruit acids. Also makes an elegant paper knife. Silver plated, 50 cts. This is an elegant gift, yet inexpensive. Our idea of a good gift is something you would be glad to have for yourself. This knife "fills the bill."

A NEW HAND SEED SOWER.

There are probably not two men in our big country who are thoroughly agreed as to the quantity of grass seeds, clovers, etc., which should be sown per acre; and should they agree as to the quantity, the probabilities are that neither one of them could sow it evenly, and so we come to their aid with Pearce's Improved Cahoon's Hand Seed Sower, which sows all kinds of grain and grass seeds most accurately and most rapidly. It is not liable to get out of order, and is warranted to give satisfaction. Price, per express or railroad, \$5.00.



The left hand cut represents the Forged Steel Trowel. The middle one the Henry Shears. The right hand one the Toledo Shears.

TOLEDO PRUNING SHEARS.

These shears are A1 in quality, over 500 pairs of them having been used in the vineyards of Toledo, Ohio, last spring. But they are looked down upon by many because they are low priced. When they were \$2.00 per pair they were excellent, but when they are 75 cents they are a "poor thing." The fact is that no mechanic could improve their quality if he were paid \$10.00 per pair for them. Price, per express, 75 cents; per mail, postpaid, 90 cents; Extra blades, 25 cents; extra springs, 10 cents. For a higher cost shears we would recommend the Henry (see cut). Price, per express, \$1.30; per mail, \$1.45.

FORGED STEEL GARDEN TROWEL.

The blade and shank of these are made from one piece of steel, and are exceptionally strong and stout. Price, per express, 40 cents; per mail, 50 cents.

STEEL GARDEN TROWEL.

These are made of fine cold rolled steel, with malleable iron shank firmly riveted. An excellent article of their kind. Price, per express, 15 cents; per mail, 25 cents.

SPRAYING OUTFITS.

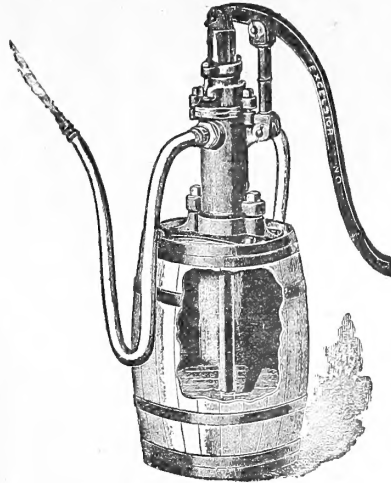
STAHL'S BRASS EXCELSIOR SPRAYER, No. 19.



For a good, cheap outfit this is among the best on the market, both as regards the material used in the construction as well as the price at which it is sold. The cylinder, and in fact all the working parts are brass, being thus constructed of material that will resist the action of fungicides. The nozzle furnished with this outfit can be regulated to throw any desired spray as wanted. This pump will throw a solid stream 50 feet, and is without doubt the best cheap spraying outfit on the market. It is also very convenient for spraying flowers, roses, etc. Price, per express, \$4.25.

When comparing our prices with those of other dealers don't forget our discounts. See page 1.

STAHL'S EXCELSIOR SPRAYER, No. 4.



It supplies the spraying nozzle and keeps the liquid stirred up in the barrel. One hundred trees per hour can be sprayed with this outfit. This pump is fitted with eight feet of hose and the Improved Orchard Nozzle. It is to be inserted in a barrel. Three feet of return hose is attached, with which is connected a discharge pipe, so that at every stroke of the pump a small part of the liquid is re-discharged into the barrel near the bottom of suction pipe which **KEEPS THE POISON AND WATER WELL MIXED**, (which is

very essential), so as not to burn the foliage.

This outfit is also furnished with a fine strainer at bottom of suction pipe, which effectually prevents leaves or dirt from getting into pump or nozzles. We recommend the above outfit as especially adapted for orchard use.

Price of outfit, complete (without barrel), per express or freight, with brass cylinder, plunger, and rod, \$9 00.

NOYES' HAND WEEDER.



This is an excellent little implement for hand weeding in bed sauce, such as onions, carrots, and the like; it is especially valuable where the ground is hard or baked. We have had them in use on our seed farms for several years, to our great satisfaction. Price, by express, 25 cents each; mail 30 cents.

EXCELSIOR WEEDER.

A handy and efficient tool in the flower and vegetable garden. To be used when weeds are small. By express, 25 cents; mail, 30 cents.



COMBINATION TOOL.



This tool in addition to the appliances for cutting and setting glass, has also attached to it a steel for sharpening knives and scissors, also a corkscrew; will be mailed, postpaid, for 15 cents.

GLASS CUTTING AND GLAZING TOOL.



Some of my workmen who use this implement find it cuts glass as readily as a glazier's diamond, and for all the purposes of cutting and setting glass is just about equally as valuable, though it costs not one-twentieth as much. One I have had in use several years is now as good as ever. Sent, postpaid, for 12 cents.

HAZELTINE'S HAND WEEDER.

(One-sixth Full Size.)

This is not only a good weeder and scraper, but with its point becomes a good implement for the thinning out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil tempered, $\frac{3}{8}$ -inch wide, $\frac{1}{4}$ -inch thick and is sharp on all its edges. Capital for weeding, thinning, and stirring soil among onions, carrots, strawberries, etc. Price, per express, 25 cents; mail, postpaid, 30 cents.



LANG'S HAND WEEDER.

This we find to be by actual trial a first-class labor-saver; it will save its cost in a day. The special advantage of this over all other weeders of this class is, that it has a band which passes over the fingers which, when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price, per express, 25 cents; by mail, postpaid, 30 cents.



DEAKIN'S NEW SYRINGE. (Letter H.)



Length of Barrel 18 in., Diameter $1\frac{1}{2}$ in.

All brass, 18 inches long, $1\frac{1}{2}$ inches in diameter. Strong, cheap, durable; fills quickly and discharges perfectly. Price, per express at purchaser's expense, \$2.00; Letter K syringe, a size smaller, \$1.50.

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A FIELD OF JAPANESE BUCKWHEAT GROWING ON OUR MIDDLETON SEED FARMS.

